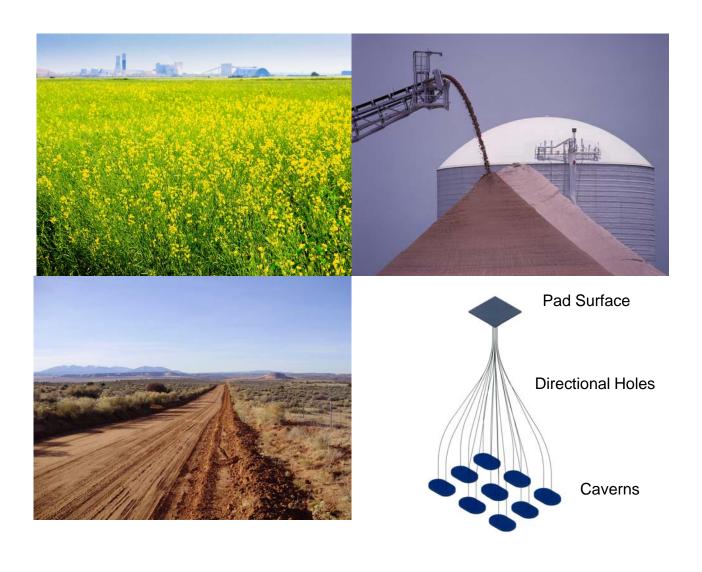


# K2O Utah Potash – May 2011



# Disclaimer and Competent Person Sign off



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The information set out below that relates to exploration results, mineral resources or ore reserves is based on information prepared by Dr Michael P. Hardy, who is Principal with Agapito Associates, Inc. Mr. Hardy is a Registered Member of The Society of Mining, Metallurgy, and Exploration (SME), a Recognised Overseas Professional Organisation and is employed by Agapito Associates Inc who is a consultant to the Company. Mr Hardy has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity which he is undertaking to qualify as a Competent Person as defined in the 2004 Edition of the "Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves." Mr Hardy consents to the inclusion in this ASX Release of the matters based on his information in the form and context in which it appears in the Exploration Target estimate report.

### Potash



Potash is a potassium salt and one of three non-substitutable major elements in fertilisers. It is the "K" in NPK Fertilisers.

- Fertiliser used on a diverse group of agricultural commodities
- Crop yields fall sharply when fertiliser levels lowered
- Global awareness of food shortages favourable to growth
- Low grain and cereal stocks plus droughts support demand

Demand is global with good growth from Asia and Latin America

- Consumption > 50 mtpa and projected to grow at 3-4% annually\*
- Good balance with supply and demand
- Potash production is concentrated which promotes market stability
- Domestic source can help fill significant US import needs

### Overview



#### Significant market driven opportunity

- Potash demand and pricing anticipated to be robust especially from BRIC countries
- Marketplace opportunity for new competitive independent US producer

#### Highly prospective potash acreage assembled in the Paradox Basin of Utah

- Scoping study completed to define project
- Large scale mine, 2m tonnes per annum production of (KCL) Potash
- Results show project has robust economics
- Strategic location close to infrastructure and markets

#### Seeking regulatory approval for further drilling to commence in the third quarter of 2011

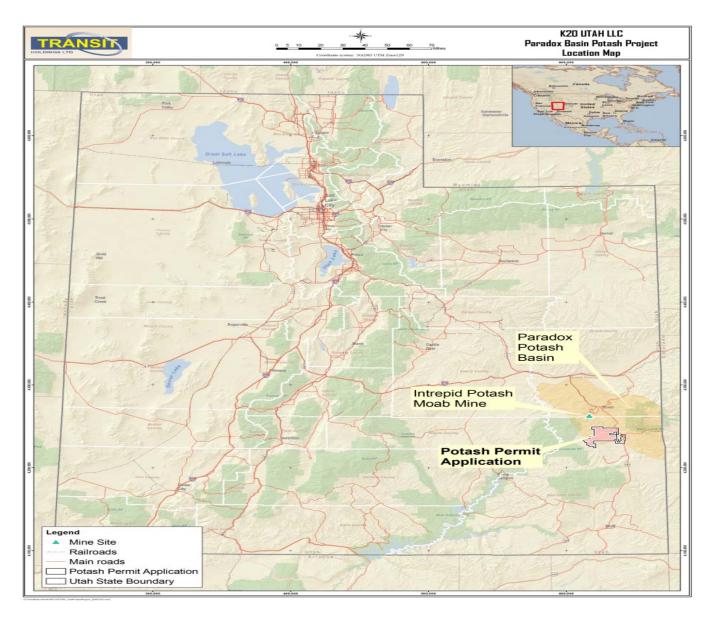
- Granted Mineral Leases and Permit applications in known potash basin
- Exploration target of 2.3 billion tonnes at 32.8% KCL identified (20.8% K2O)
- Focus on high grade desirable sylvinite with low insoluble's
- JORC Compliant Recourses can be estimated through drilling core holes

#### Transit provides a significant opportunity

- Valuation very attractive compared to other Potash alternatives
- Organisational changes drive North American Potash focus

# Location



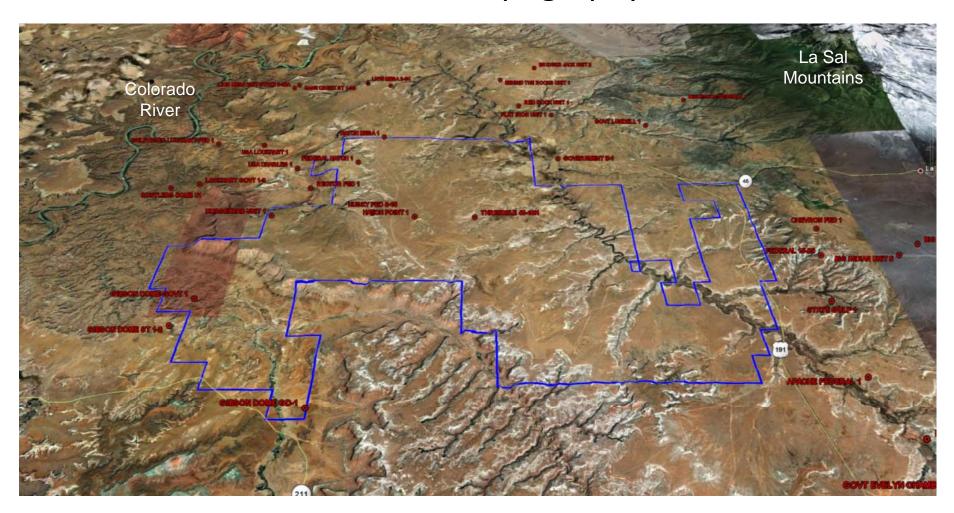


# Project



- Exploration Target of 2.3 billion tonnes sylvinite (32.8% KCl) is 20.8% K<sub>2</sub>0
  - work carried out by industry expert Agapito Associates
- Good proximity to infrastructure & surrounded by gas fields
- Anticipate 90% ownership of JV with potash rights over 386km<sup>2</sup> in the Paradox Basin
- Data base with 8 borehole logs demonstrating high grade sylvinite on lease
  - 24 logs for surrounding area
  - 2 D Seismic confirm and correlates to drill logs
  - One cored and assayed well in project area used to confirm
- Focus principally on 2 sylvinite potash beds, 18 Upper and Lower
  - Hatch Point Plateau 75% of reserves targeted for exploration
  - Targets also based on Gamma and Neutron logs
- Secured Right of Way over Federal Land for access
  - Applied for permit to drill on 4 state lease blocks
  - Will pursue permit to drill 12 wells on Federal Block
  - Intention to delineate an initial JORC/NI43-101 compliant resource

# Wells and Topography



# **Progress**



Highly prospective potash acreage assembled in Paradox Basin (386km<sup>2</sup>)

- Granted Mineral Leases and Permit applications in known potash basin
- Defined exploration target of 2.3billion tonnes at 32.8% KCL identified (20.8% K2O)
- Cored and Assayed well in project area confirmed grade and thickness calibration

Further effort undertaken to better define the project

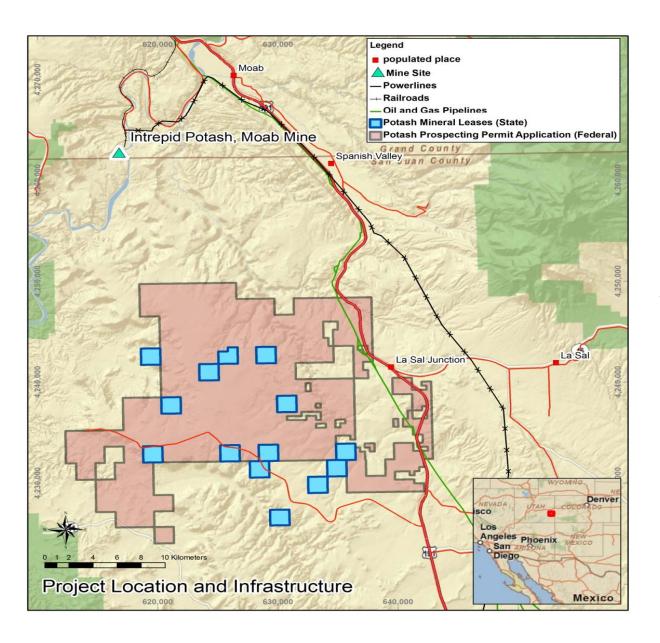
- Utilised historical drilling and seismic by gas exploration companies (8 wells)
- Scoping study confirmed the potential for a 2mtpa operation
- Results show project has market with robust economics

Right of Way approvals over Federal land recently granted

- Allow drilling holes after state permit secured for mid 2011 target (36km2)
- Application to drill 12 holes on Federal lands (350km2) will be submitted next

# Permit & Leases





Federal Potash Prospecting Permit Applications Pink

State Potash Mineral Leases Granted Blue

### **Investment Features**



Large, high grade sylvinite project with low exploration risk in sparse populated area

### Has the 7 key project criteria needed to become commercially viable

- High grade sylvinite ore with low level of insolubles at 1900m depth
- Flat lying beds of potash amenable to solution mining, generally dips of no more than ~2°
- Good topography allowing surface installations to be built economically
- Accessible location for gas, water and transportation to market all within 15km
- Location capable of regulatory permitting
  - Right of Way over Federal land received in April 2011
  - Application to drill up to 12 further wells on Federal land will be submitted soon
- Strong community support in San Juan County and at state level
- Skilled local workforce and existing Intrepid (NYSE IPI) Potash mine 15km to north

Almost all of US potash requirements (~85%) are imported therefore new US producer is attractive

Low valuation compared to alternative projects and companies

### **Exploration Target and Potential Mine Life**

Table 2. Potash 18 Exploration Target (Updated Apr-6-2010)

	Hatch Point Plateau Area			Below Canyon Rim Area			Combined Areas		
	Potash 18 Lower Bed	Potash 18 Upper Bed	Subtotal	Potash 18 Lower Bed	Potash 18 Upper Bed	Subtotal	Potash 18 Lower Bed	Potash 18 Upper Bed	Total
In-Place Potash Resource									
Resource Area (sq km)	42.2	157.9		27.6	43.1		69.8	200.9	
Equivalent Sections	16.3	61.0		10.7	16.6		27.0	77.6	
Average Drill Depth (m)	1,932	1,920		1,384	1,372		1,715	1,803	
Bed Average Thickness (m)	4.20	4.01		3.71	4.28		4.01	4.07	
K <sub>2</sub> O Average Grade	22.3%	21.4%	21.6%	15.5%	19.6%	18.1%	19.6%	21.0%	20.7%
KCI Average Grade	35.5%	34.0%	34.3%	24.5%	31.1%	28.7%	31.1%	33.3%	32.8%
In-place SG	2.083	2.083		2.083	2.083		2.083	2.083	
In-place Sylvinite (tonnes)	369 M	1,320 M	1,689 M	214 M	384 M	598 M	583 M	1,704 M	2,287 M
In-place K <sub>2</sub> O (tonnes)	82 M	283 M	365 M	33 M	75 M	108 M	115 M	358 M	473 M
In-place KCI (tonnes)	131 M	448 M	579 M	52 M	119 M	172 M	183 M	568 M	751 M
Resource Recovery									
Areal Extraction Ratio	30.0%	30.0%		35.0%	35.0%		32.0%	31.1%	
Loss to Geologic Anomalies	20.0%	20.0%		20.0%	20.0%		20.0%	20.0%	
Plant Efficiency	95.0%	95.0%		95.0%	95.0%		95.0%	95.0%	
Brine Loss to Cavern	16.0%	16.0%		17.0%	17.0%		16.4%	16.2%	
Net Recovery	19.2%	19.2%		22.1%	22.1%		20.3%	19.8%	
Recoverable KCI (tonnes)	25.1 M	85.9 M	111.0 M	11.6 M	26.4 M	37.9 M	36.6 M	112.2 M	148.9 M
Production and Well Field Life									
Annual K60 Production (tonnes)	2.0 M	2.0 M		2.0 M	2.0 M		2.0 M	2.0 M	
Product KCI Purity	95.0%	95.0%		95.0%	95.0%		95.0%	95.0%	
Equivalent Well Field Life (years)	13.2	45.2	58.4	6.1	13.9	20.0	19.3	59.1	78.4

Sylvinite 2.3 Billion tonnes, recoverable 149 million tonnes, mine life 50-75 years

# **Scoping Work**



#### ProMet Engineers completed study

- Used KCl solution mining, processing and permitting experts
- Agapito Associates (mining) and Carlos Perucca (processing) subcontracting
- Buys & Associates (Kleinfelder) undertook permitting and environmental aspects
- CRU Group/British Sulphur Consultants supplied product price forecasts

### Assessed the viability of 2m tonnes per annum potash production project for 25 years

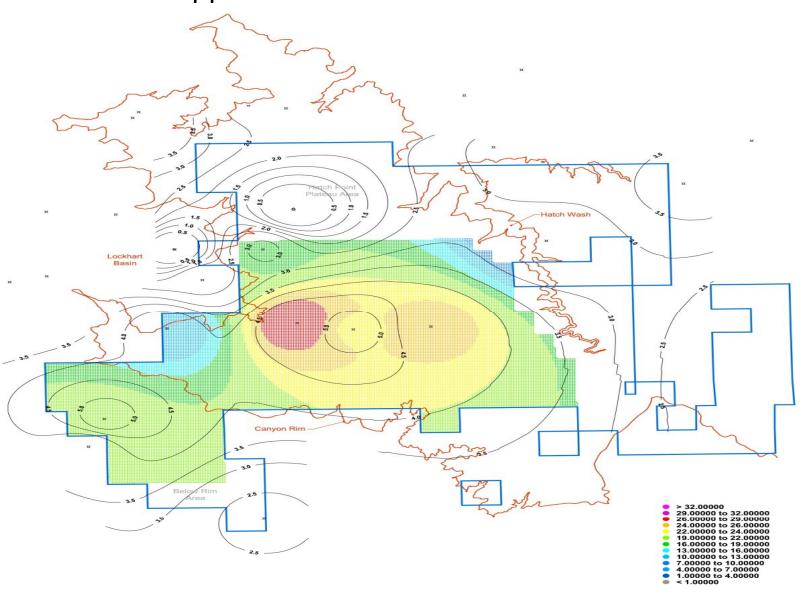
- High grade initial 25 year mining area (P18 average 8.5m thick at 32.8% KCl)
- Low cost solution mining possible
- Plant designed to conserve energy and water
- Comprehensive infrastructure study for export delivery

### Operating Costs - US\$187/tonne

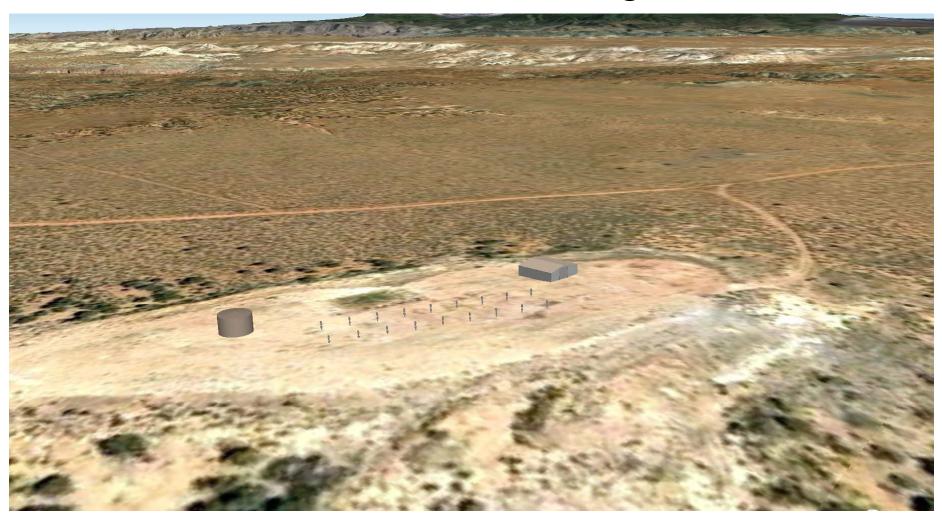
- Solution mining \$11/tonne
- Processing \$45/tonne
- Transport \$88/tonne for export
- Sustaining Capital plant and mining \$39/tonne

### Grade & Thickness for Potash Bed 18

Upper Bed shown is 60% of reserves

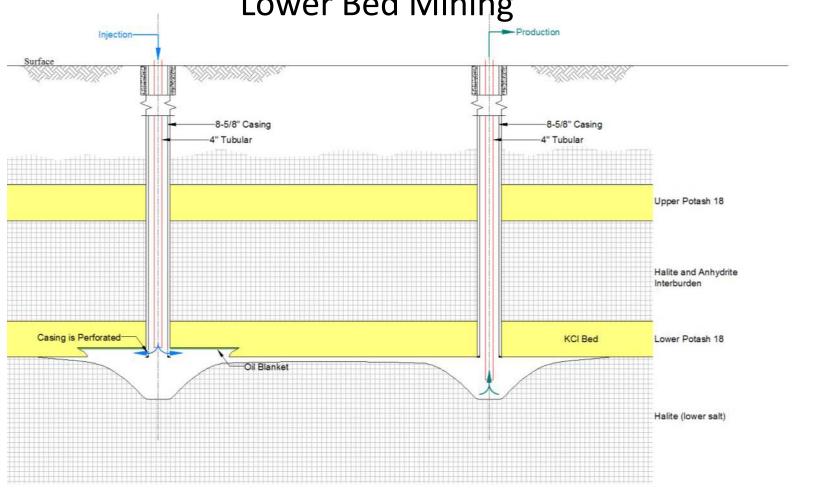


# Illustrated Solution Mining Pad

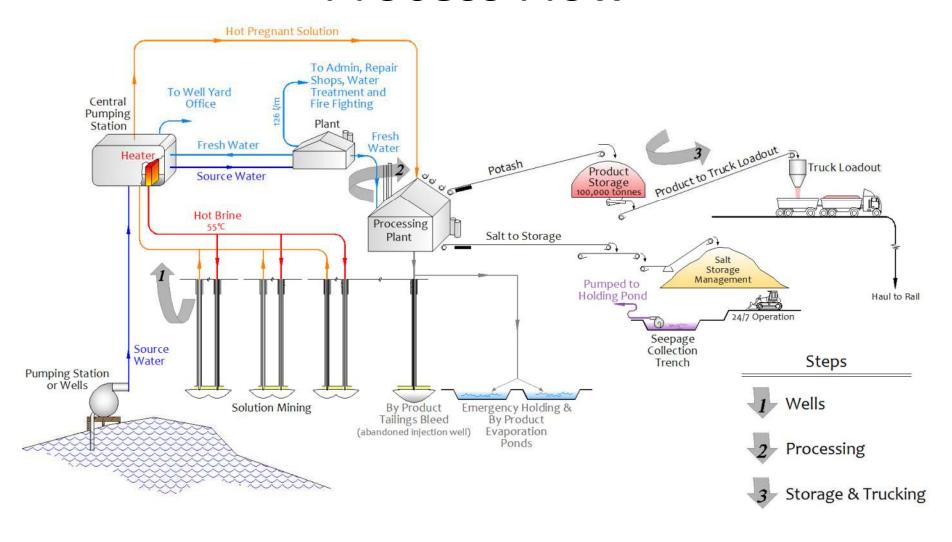


# Solution Mining Profile

Lower Bed Mining



# **Process Flow**



### Joint Venture Terms



Agreement with K<sub>2</sub>O Resources LLC over Paradox Basin Potash Project

JV established in K2O Utah LLC which Transit anticipates 90% for \$2.1m

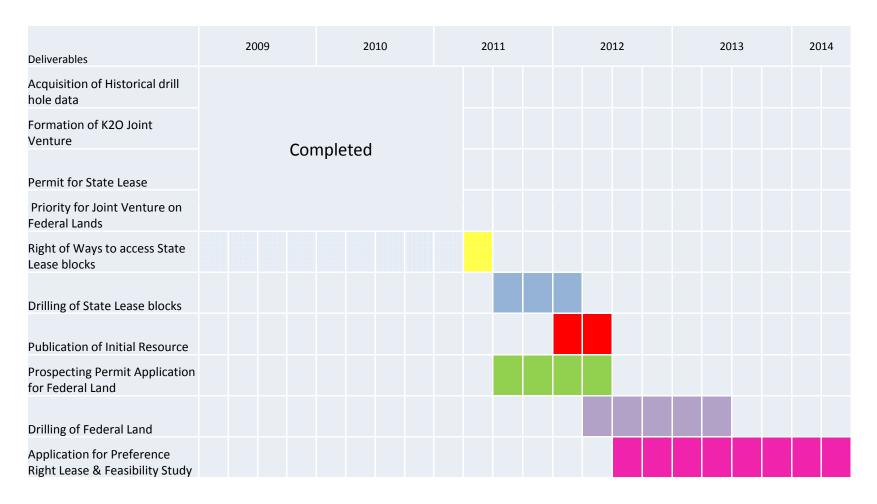
No special minority rights or super majority obligations

Beyond this stage, both JV parties are required to fund pro rata

K<sub>2</sub>O Resources LLC is loaned its share of funds for a 10% share carried to production - repaid from its share of cash flow before dividends flow

Royalties payable on production revenue from Lease blocks 5% State, 2% Federal

### Timetable & Key Deliverables



# Transit Holdings – 1 May 2011



Fully paid ordinary shares (ASX: TRH)	46,165,474
Unlisted options 40c - \$1*	8,250,000*
Converting of shares for project achievement	3,000
Price (12 month range)	\$0.59 (\$0.13 - \$0.955)
Market capitalisation excluding performance shares	\$27.2m
Cash at 31 March 2011	\$3.3m
Holding in Radar Iron Ltd (ASX:RAD)	\$6.8m
Implied value of the Potash Project	<u>\$17.1m</u>
	\$27.2m

<sup>\*</sup>This includes 3M Ben Binninger (CEO) options yet to be issued

## Comparisons – Listed Potash Companies

Company	EV/Tonne Potash (\$)	Potash Resource Target (Mt)	EV (\$m)
Transit Holdings	\$0.02	441.60	7.74
Potash One	\$0.38	1,100.00	413.75
IC Potash	\$0.41	400.00	164.92
Reward Min	\$0.52	100.00	52.18
Elemental Minerals	\$1.67	250.00	417.44
Amazon Mining	\$2.52	100.00	252.24
South Boulder Mines	\$4.99	104.12	467.97
Potash Corp	\$13.44	1,200.00	16,128.54
Fortis Mining		No Resource	131.35
Western Potash		No Resource	8.00

# G.A. Ben Binninger

#### **CEO Citadel Potash**

Chief Executive with hands-on experience leading and creating technologically sophisticated global process oriented companies. These include activities from a few million dollars to global businesses of a billion dollars in 24 countries for Rio Tinto, ARCO and Hercules.

#### **Resources, Fuels & Environmental**

Rio Tinto Borax, Senior Vice President, Director & Chief Commercial Officer Arco Chemical Co., Vice President, Worldwide Oxygenated Fuels Atlantic Richfield Company (ARCO), Manager of operations analysis Kreido Biofuels, Director & Chief Executive Global Environmental Solutions, Director & Chief Executive

#### Management, Strategy & Financial

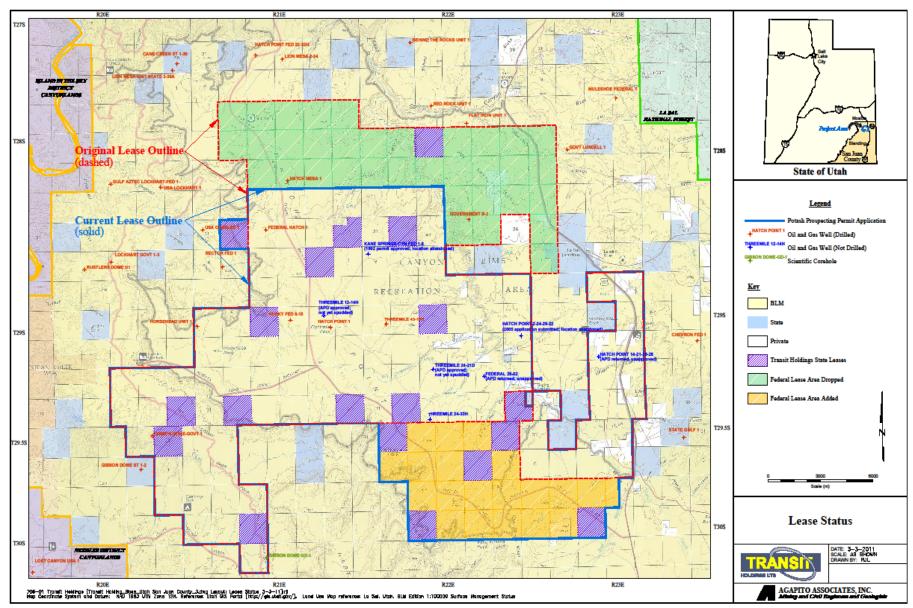
Arco Chemical Co., Vice President, Worldwide Propylene Oxide & Derivatives
Hercules Inc., Vice President, Planning and Managing Director, H.C. Ltd. Mauritius
AMT II Corporation, Principal
Rohm and Haas Company, Financial Planning and Treasury
Exxon, Technical sales and refinery operations

#### **Education**

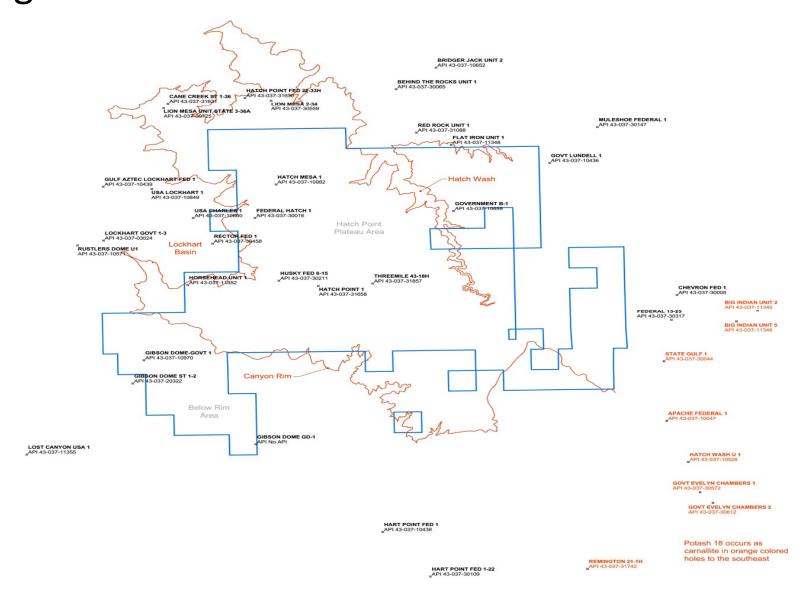
University of California (UCLA) – Instructor, International Business Management
Harvard Business School – Master in Business Administration – Teagle Foundation
Fellowship. Further training at Stanford, INSEAD and Buckley School of Public Speaking
Manhattan College – Bachelor of Chemical Engineering – New York State Regents Scholarship

**Appendices** 

### Project Lease Map –Federal and State Land Blocks



# Wells with Geophysical Logs Used in Exploration Target Estimate



## Summary of Drilling database available to the Project

API No. nside Property I 43-037-30016 No API 43-037-10970 43-037-10699	Name Boundary FEDERAL HATCH 1 GIBSON DOME GD-1 GIBSON DOME-GOVT 1	Easting 621,227	Northing	(m	1	Depth				t				Lower-Uppe
43-037-30016 No API 43-037-10970	FEDERAL HATCH 1 GIBSON DOME GD-1		Northing	Williams.		Top of Bed	Top of Bed	Thickness (m)	Grade	Depth Top of Bed	Top of Bed	Thickness (m)	Grade	Interburder Thickness
43-037-30016 No API 43-037-10970	FEDERAL HATCH 1 GIBSON DOME GD-1	621,227		Elev.	Detum	(m)	(m)	(m)	(K <sub>2</sub> O%)	(m)	()	(110)	(K <sub>2</sub> O%)	(m)
No API 43-037-10970	GIBSON DOME GD-1	621,227												
43-037-10970				1,791.2	KB	Not preser				1,842.5	-51.4	3.0	17.9	
		621,272		1,503.0	GL	Not preser				1,349.7	153.3	2.4	21.0	
43-037-10699		614,748		1,389.3	KB KB	1,218.0	171.3	4.3	13.1	1,197.9	191.4 -219.8	5.2 2.7	19.8 5.0	14.
	GOVERNMENT B-1		4,243,312	1,763.9		Not preser						2.7	5.0	
43-037-10982	HATCH MESA 1	622,462		1,828.2	KB	Not preser				Not pres			23.8	
43-037-31658	HATCH POINT 1		4,237,383	1,947.7	KB	Not presen				2,007.4	-59.7	5.2		
43-037-11352	HORSEHEAD UNIT 1	617,302		1,889.5	KB	1,757.8	131.7	6.1	17.5	1,744.7	144.8	4.3	10.1	8.
43-037-30211	HUSKY FED 6-15	622,623		1,914.8	KB	1,931.8	-17.1	5.2	28.0	1,913.2	1.5	4.9	28.0	13.
43-037-31857	THREEMILE 43-18H	628,091	4,237,573	1,816.9	KB	Not presen	ıt			2,015.0	-198.1	4.3	24.9	
Outside Property 43-037-30065	BEHIND THE ROCKS UNIT 1	C20 450	4,252,973	1,673.7	кв	Not presen				1,975.4	-301.8	1.8	7.7	
43-037-11346	BIG INDIAN UNIT 5		4,234,528	2.066.2	GL	Not preser				2,171.1	-104.9	43	8.2	
43-037-10652	BRIDGER JACK UNIT 2		4,254,673	1,677.6	KB	Not preser				Not pres		4.3	8.2	
43-037-31631	CANE CREEK ST 1-36	616,151	4,251,821	1,793.3	KB	Not presen				1,901.6	-108.3	43	10.5	
43-037-31631	CHEVRON FED 1	645,850		1,793.3	KB	Not preser				Not pres		4.3	10.5	
43-037-11348														
	FLAT IRON UNIT 1 GIBSON DOME ST 1-2	632,675		1,592.9	KB KB	Not preser 1,233.2	252.7	1.5	20.6	1,816.3	-223.4 270.1	3.4	5.0 21.0	
43-037-20322		614,098		1,485.9				1.5	20.6			3.7		13.
43-037-10436	GOVT LUNDELL 1	638,416		1,752.3	KB.	Not preser	142.3			2,286.0	-533.7	3.7	6.2	13.
43-037-10439	GULF AZTEC LOCKHART-FED 1	612,371		1,380.7	KB	1,238.4		2.1	17.7	1,221.3	159.4 213.4	3.7	19.1	13.
43-037-31630	HATCH POINT FED 22-33H LION MESA 2-34	622,171		1,712.1	KB	Not preser				1,758.1	-87.8	2.4	13.2	
43-037-30559	LION MESA 2-34 LION MESA UNIT STATE 3-36A	615,900		1,792.2	KB	Not preser				_			13.2	
						Logs do not reach Potash 18 Logs do not reach Potash 18								
43-037-11355	LOST CANYON USA 1	607,913		1,526.7	KB	Not present  Bed correlations not possible  Bed correlations not possible								
43-037-30147	MULESHOE FEDERAL 1	641,204		1,950.7	KB			ss/b/e						
43-037-31088	RED ROCK UNIT 1	630,652		1,656.9	KB	Not preser				1,853.8	-196.9	3.0	10.0	
43-037-10571	RUSTLERS DOME U1	610,876		1,413.7	KB	1,058.0	355.7	3.7	17.3	1,043.3 2,339.3	370.3 -526.4	3.0 6.7	17.2 6.7	11.
43-037-30044	STATE GULF 1	645,086		1,813.0	KB	Not preser								
43-037-10849	USA LOCKHART 1		4,245,046	1,397.8	KB	1,165.9	232.0	2.1	15.1	1,147.0	250.9	3.0	14.6	15.
43-037-03024	LOCKHART GOVT 1-3	612,389		1,407.3	KB	1,125.9	281.3	3.4	19.6	1,112.8	294.4	2.7	16.5	10
43-037-30458	RECTOR FED 1	618,752		1,380.7	KB	1,150.3	230.4	4.5	22.4	1,140.0	240.8	2.4	21.0	7.
43-037-10860	USA CHARLES 1		4,242,742	1,327.1	KB			collapse or fa	ulted out)			collapse or fa		
43-037-30317	FEDERAL 15-25	645,526		1,904.4	KB	Not preser				2,188.2	-283.8	2.1	10.2	
43-037-10047	APACHE FEDERAL 1		4,226,694	1,807.5	KB	Not preser				2,090.3	-282.9	8.2	6.7	
43-037-10438	HART POINT FED 1	628,676		1,998.3	KB	Not preser				1,859.0	139.3	2.7	16.6	
43-037-30109	HART POINT FED 1-22	631,463		1,981.5	KB	Not preser				1,820.9	160.6	2.7	19.3	
43-037-31742	REMINGTON 21-1H	640,628		1,951.6	KB	Not preser				2,028.4	-76.8	10.1	11.2	
43-037-10526	HATCH WASH U 1	646,510		1,771.8	KB	Not preser				2,019.0	-247.2	11.0	7.6	
43-037-30572	GOVT EVELYN CHAMBERS 1	647,193		1,773.9	KB	Not preser				2,002.5	-228.6	11.9	6.6	
43-037-30612	GOVT EVELYN CHAMBERS 2 BIG INDIAN UNIT 2		4,220,223	1,780.3	KB KB	Not preser				2,004.4	-224.0 -339.2	9.1 6.7	9.5 3.0	

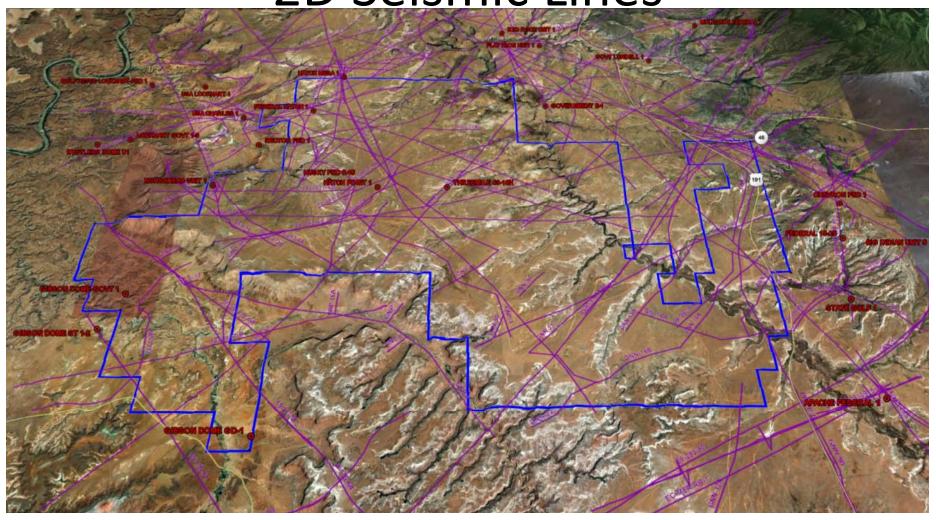
# Potash Exploration Target

Key Intercepts demonstrate excellent potential

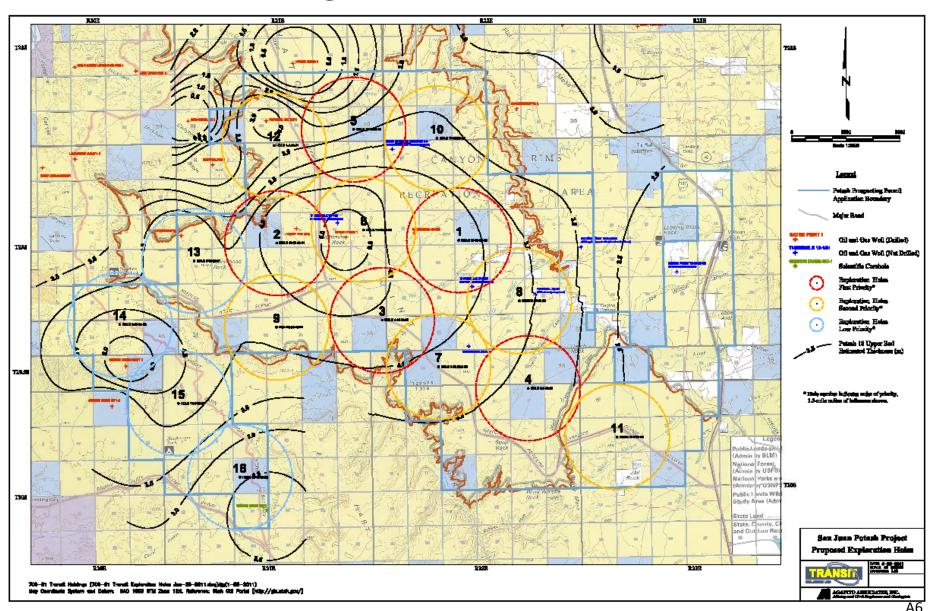
Potash 18 Upper Bed - Key Holes	Seam Thickness (m)	Grade K2O
Federal Hatch 1	3.0	17.9%
Gibson Dome GD-1	2.4	21.0%
Gibson Dome Govt 1	5.2	19.8%
Hatch Point 1	5.2	23.8%
Husky Fed 6-15	4.9	28.0%
Threemile 43-18H	4.3	24.0%

Potash 18 Lower Bed – Key Holes	Seam Thickness (m)	Grade K2O
Horsehead Unit 1	6.1	17.5%
Husky Fed 6-15	5.2	28.0%

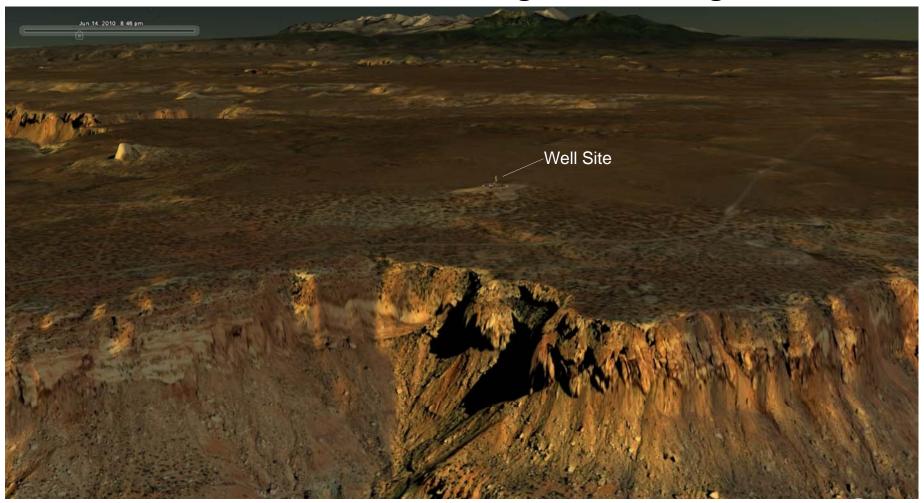
2D Seismic Lines



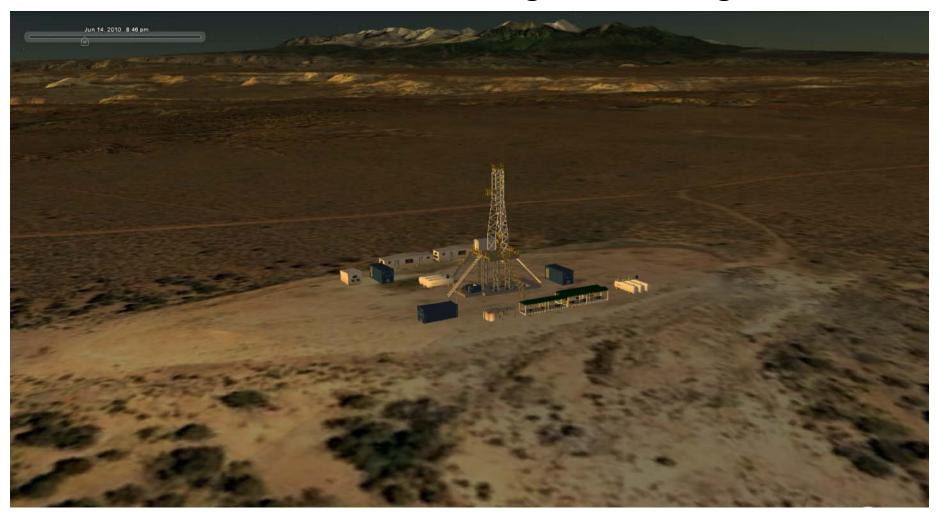
## Current Drilling Plan – State and Federal Leases



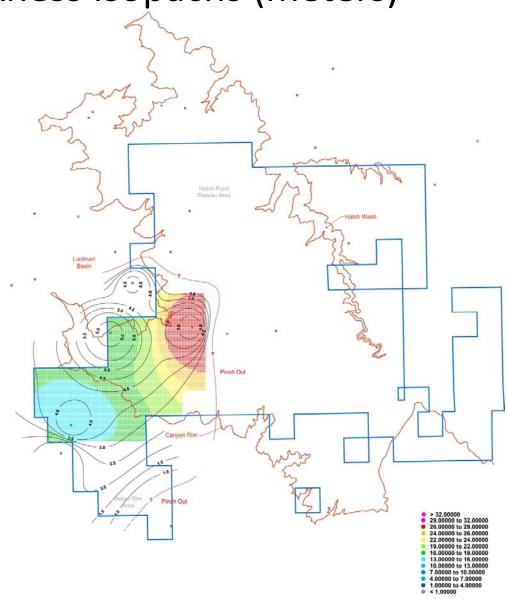
# Simulated Solution Mining Well Drilling Site



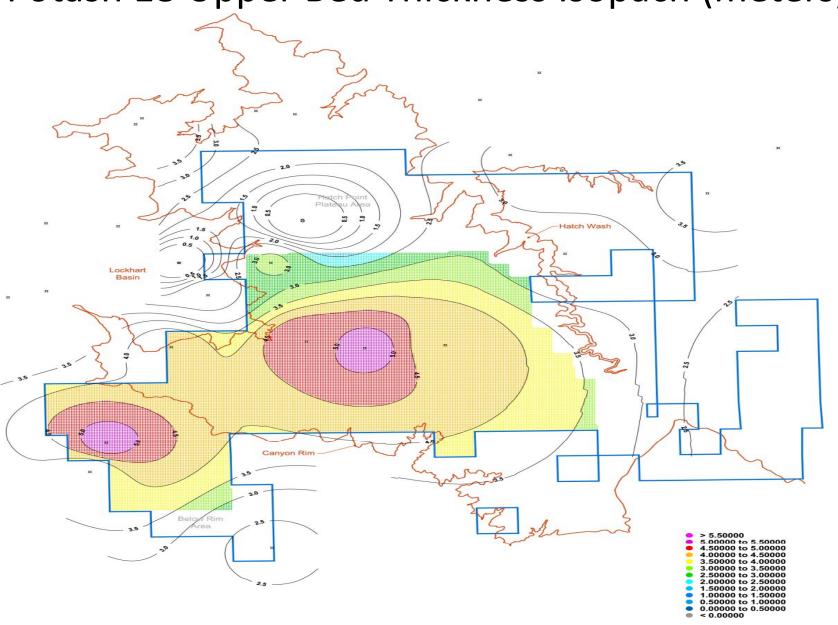
# Simulated Solution Mining Well Drilling Site



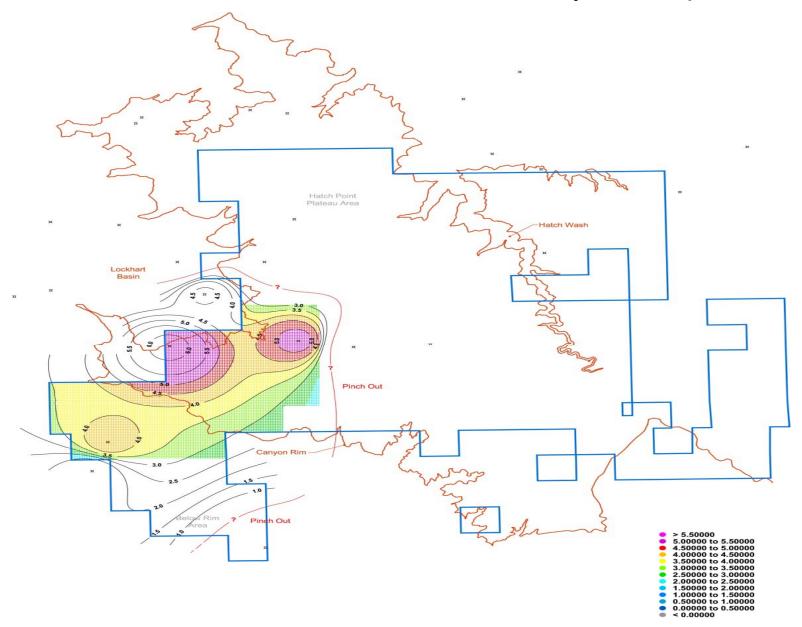
# Potash 18 Lower Bed Grade Blocks (%K<sub>2</sub>O) and Bed Thickness Isopachs (meters)



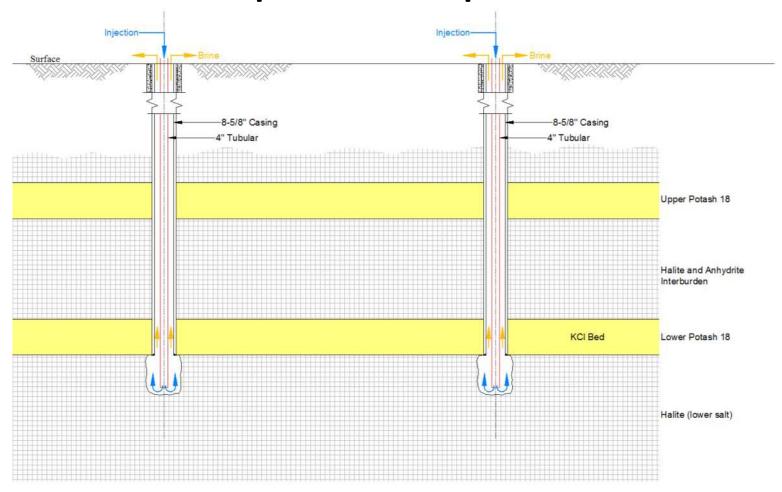
# Potash 18 Upper Bed Thickness Isopach (meters)



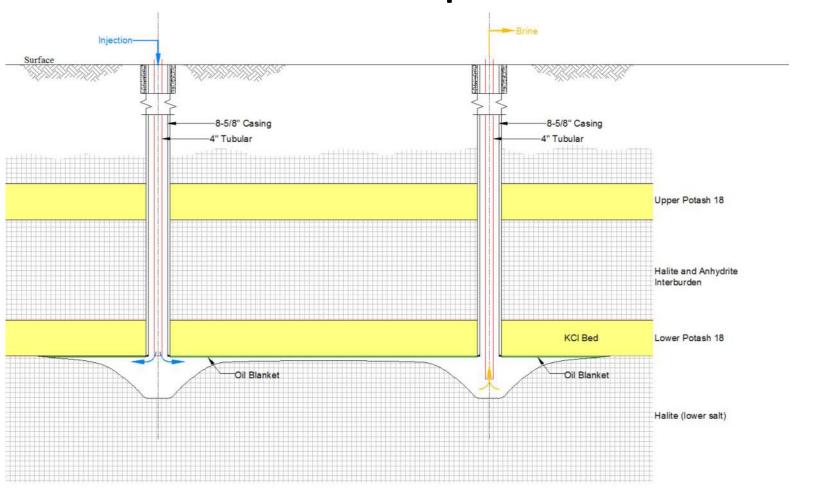
# Potash 18 Lower Bed Thickness Isopachs (meters)



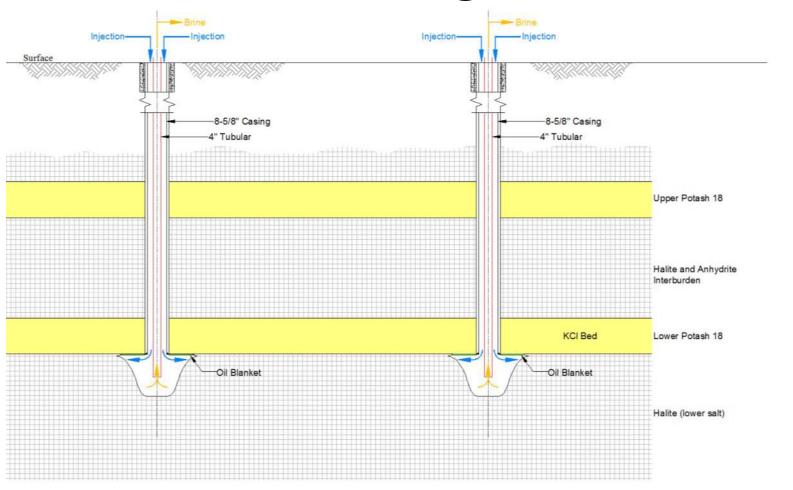
# Sump Development



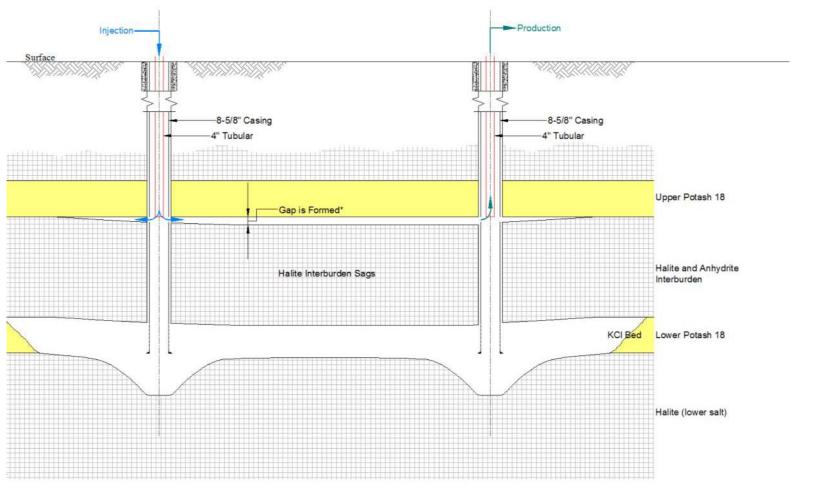
# **Roof Development**

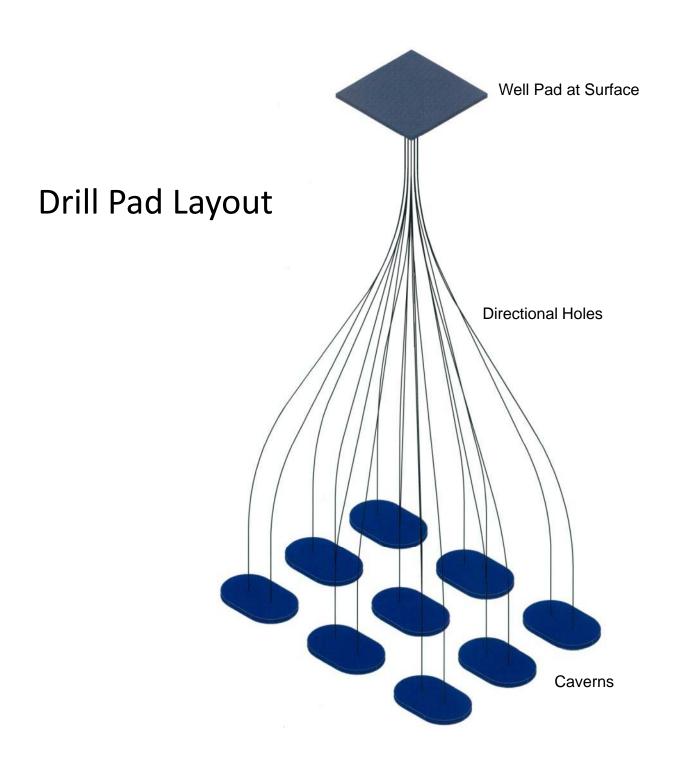


# Solution Mining Profile



# **Upper Bed Mining**





## **Schematic Directional Drilling Section**

