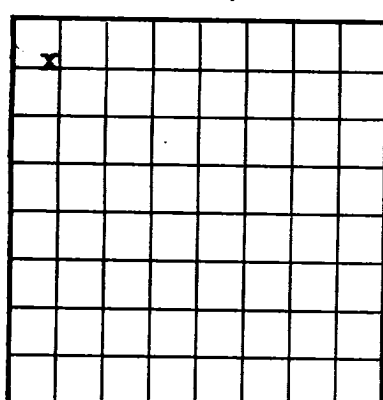


U. S. LAND OFFICE Las Cruces

SERIAL NUMBER 029438-B

LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-015-04977

LOG OF OIL OR GAS WELL

Company Texas Trading Co. Address Artesia, New Mexico
Lessor or Tract Johansen Field Square Lake State New Mexico
Well No. 1 Sec. 33 T. 16 R. 31 Meridian EddyLocation 660ft. (N.) of Line and 660ft. (E.) of Line of Elevation 3942
(Derrick floor relative to sea level)

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Signed _____

Date Feb. 1, 1944 Title _____

The summary on this page is for the condition of the well at above date.

Commenced drilling Nov. 11, 1944 Finished drilling Jan. 31, 1944

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3363 to 3371 No. 4, from 3402 to 3426No. 2, from 3345 to 3387 No. 5, from 3408 to 3444No. 3, from 3396 to 3399 No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from 2718 to 2750 No. 3, from _____ to _____

No. 2, from _____ to _____ No. 4, from _____ to _____

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
8 1/2	32	8		705	Texas				
7	28	8		2775	"	2740			
5 1/2	14	8		3338	"				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 1/2	705	50			
7	2775			100	
5 1/2	3338	1000		100	

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____

Adapters—Material _____ Size _____

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

TOOLS USED

Rotary tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

Cable tools were used from Top feet to _____ feet, and from 3470 feet to _____ feet

DATES

Nov. 11, 1943 Put to producing Jan. 31, 1944The production for the first 24 hours was 200 barrels of fluid of which 100 % was oil; _____ %

emulsion; _____ % water; and _____ % sediment. Gravity, °Bé. _____

If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____

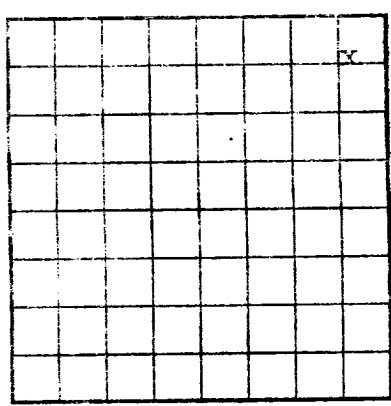
Rock pressure, lbs. per sq. in. _____

EMPLOYEES

Pete Thomas, Driller Dave Slater, DrillerC. C. Edwards, Driller _____, Driller

FORMATION RECORD

FROM	TO	TOTAL FEET	FORMATION
3363	3371	8	Sand
3371	3387	16	Red Rock
3387	3402	15	Anhydrite
3402	3426	24	Red Mud
3426	3444	18	Salt
3444	3470	26	Shale
3470	3485	15	Salt
3485	3500	15	Anhydrite
3500	3512	12	Red Rock
3512	3525	13	Anhydrite
3525	3538	13	Salt
3538	3550	12	Red Rock
3550	3565	15	Salt
3565	3585	20	Red Rock
3585	3600	15	Salt
3600	3615	15	Red Rock
3615	3635	20	Salt
3635	3650	15	Red Rock
3650	3665	15	Salt
3665	3685	20	Red Rock
3685	3700	15	Salt
3700	3715	15	Red Rock
3715	3725	10	Salt
3725	3735	10	Anhydrite
3735	3750	15	Red Rock
3750	3775	25	Anhydrite
3775	3800	25	Salt
3800	3825	25	Red Rock
3825	3850	25	Salt
3850	3875	25	Red Rock
3875	3900	25	Salt
3900	3925	25	Red Rock
3925	3950	25	Salt
3950	3975	25	Red Rock
3975	4000	25	Salt
4000	4025	25	Red Rock
4025	4050	25	Salt
4050	4075	25	Red Rock
4075	4100	25	Salt
4100	4125	25	Red Rock
4125	4150	25	Salt
4150	4175	25	Red Rock
4175	4200	25	Salt
4200	4225	25	Red Rock
4225	4250	25	Salt
4250	4275	25	Red Rock
4275	4300	25	Salt
4300	4325	25	Red Rock
4325	4350	25	Salt
4350	4375	25	Red Rock
4375	4400	25	Salt
4400	4425	25	Red Rock
4425	4450	25	Salt
4450	4475	25	Red Rock
4475	4500	25	Salt
4500	4525	25	Red Rock
4525	4550	25	Salt
4550	4575	25	Red Rock
4575	4600	25	Salt
4600	4625	25	Red Rock
4625	4650	25	Salt
4650	4675	25	Red Rock
4675	4700	25	Salt
4700	4725	25	Red Rock
4725	4750	25	Salt
4750	4775	25	Red Rock
4775	4800	25	Salt
4800	4825	25	Red Rock
4825	4850	25	Salt
4850	4875	25	Red Rock
4875	4900	25	Salt
4900	4925	25	Red Rock
4925	4950	25	Salt
4950	4975	25	Red Rock
4975	5000	25	Salt
5000	5025	25	Red Rock
5025	5050	25	Salt
5050	5075	25	Red Rock
5075	5100	25	Salt
5100	5125	25	Red Rock
5125	5150	25	Salt
5150	5175	25	Red Rock
5175	5200	25	Salt
5200	5225	25	Red Rock
5225	5250	25	Salt
5250	5275	25	Red Rock
5275	5300	25	Salt
5300	5325	25	Red Rock
5325	5350	25	Salt
5350	5375	25	Red Rock
5375	5400	25	Salt
5400	5425	25	Red Rock
5425	5450	25	Salt
5450	5475	25	Red Rock
5475	5500	25	Salt
5500	5525	25	Red Rock
5525	5550	25	Salt
5550	5575	25	Red Rock
5575	5600	25	Salt
5600	5625	25	Red Rock
5625	5650	25	Salt
5650	5675	25	Red Rock
5675	5700	25	Salt
5700	5725	25	Red Rock
5725	5750	25	Salt
5750	5775	25	Red Rock
5775	5800	25	Salt
5800	5825	25	Red Rock
5825	5850	25	Salt
5850	5875	25	Red Rock
5875	5900	25	Salt
5900	5925	25	Red Rock
5925	5950	25	Salt
5950	5975	25	Red Rock
5975	6000	25	Salt
6000	6025	25	Red Rock
6025	6050	25	Salt
6050	6075	25	Red Rock
6075	6100	25	Salt
6100	6125	25	Red Rock
6125	6150	25	Salt
6150	6175	25	Red Rock
6175	6200	25	Salt
6200	6225	25	Red Rock
6225	6250	25	Salt
6250	6275	25	Red Rock
6275	6300	25	Salt
6300	6325	25	Red Rock
6325	6350	25	Salt
6350	6375	25	Red Rock
6375	6400	25	Salt
6400	6425	25	Red Rock
6425	6450	25	Salt
6450	6475	25	Red Rock
6475	6500	25	Salt
6500	6525	25	Red Rock
6525	6550	25	Salt
6550	6575	25	Red Rock
6575	6600	25	Salt
6600	6625	25	Red Rock
6625	6650	25	Salt
6650	6675	25	Red Rock
6675	6700	25	Salt
6700	6725	25	Red Rock
6725	6750	25	Salt
6750	6775	25	Red Rock
6775	6800	25	Salt
6800	6825	25	Red Rock
6825	6850	25	Salt
6850	6875	25	Red Rock
6875	6900	25	Salt
6900	6925	25	Red Rock
6925	6950	25	Salt
6950	6975	25	Red Rock
6975	7000	25	Salt
7000	7025	25	Red Rock
7025	7050	25	Salt
7050	7075	25	Red Rock
7075	7100	25	Salt
7100	7125	25	Red Rock
7125	7150	25	Salt
7150	7175	25	Red Rock
7175	7200	25	Salt
7200	7225	25	Red Rock
7225	7250	25	Salt
7250	7275	25	Red Rock
7275	7300	25	Salt
7300	7325	25	Red Rock
7325	7350	25	Salt
7350	7375	25	Red Rock
7375	7400	25	Salt
7400	7425	25	Red Rock
7425	7450	25	Salt
7450	7475	25	Red Rock
7475	7500	25	Salt
7500	7525	25	Red Rock
7525	7550	25	Salt
7550	7575	25	Red Rock
7575	7600	25	Salt
7600	7625	25	Red Rock
7625	7650	25	Salt
7650	7675	25	Red Rock
7675	7700	25	Salt
7700	7725	25	Red Rock
7725	7750	25	Salt
7750	7775	25	Red Rock
7775	7800	25	Salt
7800	7825	25	Red Rock
7825	7850	25	Salt
7850	7875	25	Red Rock
7875	7900	25	Salt
7900	7925	25	Red Rock
7925	7950	25	Salt
7950	7975	25	Red Rock
7975	8000	25	Salt
8000	8025	25	Red Rock
8025	8050	25	Salt
8050	8075	25	Red Rock
8075	8100	25	Salt
8100	8125	25	Red Rock
8125	8150	25	Salt
8150	8175	25	Red Rock
8175	8200	25	Salt
8200	8225	25	Red Rock
8225	8250	25	Salt
8250	8275	25	Red Rock
8275	8300	25	Salt
8300	8325	25	Red Rock
8325	8350	25	Salt
8350	8375	25	Red Rock
8375	8400	25	Salt
8400	8425	25	Red Rock
8425	8450	25	Salt
8450	8475	25	Red Rock
8475	8500	25	Salt
8500	8525	25	Red Rock
8525	8550	25	Salt
8550	8575	25	Red Rock
8575	8600	25	Salt
8600	8625	25	Red Rock
8625	8650	25	Salt
8650	8675	25	Red Rock
8675	8700	25	Salt
8700	8725	25	Red Rock
8725	8750	25	Salt
8750	8775	25	Red Rock
8775	8800	25	Salt
8800	8825	25	Red Rock
8825	8850	25	Salt
8850	8875	25	Red Rock
8875	8900	25	Salt
8900	8925	25	Red Rock
8925	8950	25	Salt
8950	8975	25	Red Rock
8975	9000	25	Salt
9000	9025	25	Red Rock
9025	9050	25	Salt
9050	9075	25	Red Rock
9075	9100	25	Salt
9100	9125	25	Red Rock
9125	9150	25	Salt
9150	9175	25	Red Rock
9175	9200	25	Salt
9200	9225	25	Red Rock
9225	9250	25	Salt
9250	9275	25	Red Rock
9275	9300	25	Salt
9300	9325	25	Red Rock
9325	9350	25	Salt
9350	9375	25	Red Rock
9375	9400	25	Salt
9400	9425	25	Red Rock
9425	9450	25	Salt
9450	9475	25	Red Rock
9475	9500	25	Salt
9500	9525	25	Red Rock
9525	9550	25	Salt
9550	9575	25	Red Rock
9575	9600	25	Salt
9600	9625	25	Red Rock
9625	9650	25	Salt
9650	9675	25	Red Rock



LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

GEOLOGICAL SURVEY

DEPARTMENT OF THE INTERIOR

UNITED STATES

 U. S. LAND OFFICE
 GENERAL INSTRUCTIONS
 DEPARTMENT OF THE INTERIOR

Company _____ Address _____
 Lessor or Tract _____
 Well No. _____ Sec. _____ T. _____ R. _____
 Location _____ of _____ line and _____ of _____
 The information given herewith is a complete and correct record of the well and all work done thereon
 as far as can be determined from all available records.

Date _____ Title _____
 The summary on this page is for the condition of the well at above date.
 Commenced drilling _____ Finished drilling _____

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from _____ to _____
 No. 2, from _____ to _____
 No. 3, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from _____ to _____
 No. 2, from _____ to _____

CASING RECORD

Size per foot	Weight per foot	Threads per foot	Make	Amount	Kind of shoe	Cut and pulled from	Performed	Purpose
8"	35	8						
6"	25	8						

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "detracted" or left in the well, give its size and location. If the well has been abandoned, give date, position, and number of shoes. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

HISTORY OF OIL OR GAS WELL

Size per foot	Weight per foot	Threads per foot	Make	Amount	Kind of shoe	Cut and pulled from	Performed	Purpose
8"	35	8						
6"	25	8						

MUDDING AND CEMENTING RECORD

Size per foot	Weight per foot	Threads per foot	Make	Amount	Kind of shoe	Cut and pulled from	Performed	Purpose
8"	35	8						
6"	25	8						

PLUGS AND ADAPTERS

Size	Material	Length	Depth set

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

TOOLS USED

Rotary tools were used from	Foot to	Foot and from	Foot to

DATES

Put to producing	Foot to	Foot and from	Foot to

Rock pressure, lbs. per sq. in. _____
 Gas well, cu. ft. per 24 hours _____
 emulsion; _____ % water; and _____ % sediment.

Employees _____
 Driller _____
 Driller _____

FORMATION RECORD

FORMATION	THICKNESS	DEPTH	FORMATION	THICKNESS	DEPTH
Red Rock & Blue Shale	45	1850	Red Rock	15	1865
Red Rock	10	1875	Red Rock	15	1890
Red Rock & Anhydrite	30	1905	Red Rock	30	1935
Red Rock & Anhydrite	30	1965	Red Rock	30	1995
Red Rock & Anhydrite	30	2025	Red Rock	30	2055
Red Rock & Anhydrite	30	2085	Red Rock	30	2115
Red Rock & Anhydrite	30	2145	Red Rock	30	2175
Red Rock & Anhydrite	30	2205	Red Rock	30	2235
Red Rock & Anhydrite	30	2265	Red Rock	30	2295
Red Rock & Anhydrite	30	2325	Red Rock	30	2355
Red Rock & Anhydrite	30	2385	Red Rock	30	2415
Red Rock & Anhydrite	30	2445	Red Rock	30	2475
Red Rock & Anhydrite	30	2505	Red Rock	30	2535
Red Rock & Anhydrite	30	2565	Red Rock	30	2595
Red Rock & Anhydrite	30	2625	Red Rock	30	2655
Red Rock & Anhydrite	30	2685	Red Rock	30	2715
Red Rock & Anhydrite	30	2745	Red Rock	30	2775
Red Rock & Anhydrite	30	2805	Red Rock	30	2835
Red Rock & Anhydrite	30	2865	Red Rock	30	2895
Red Rock & Anhydrite	30	2925	Red Rock	30	2955
Red Rock & Anhydrite	30	2985	Red Rock	30	3015
Red Rock & Anhydrite	30	3045	Red Rock	30	3075
Red Rock & Anhydrite	30	3105	Red Rock	30	3135
Red Rock & Anhydrite	30	3165	Red Rock	30	3195
Red Rock & Anhydrite	30	3225	Red Rock	30	3255
Red Rock & Anhydrite	30	3285	Red Rock	30	3315
Red Rock & Anhydrite	30	3345	Red Rock	30	3375
Red Rock & Anhydrite	30	3405	Red Rock	30	3435
Red Rock & Anhydrite	30	3465	Red Rock	30	3495
Red Rock & Anhydrite	30	3525	Red Rock	30	3555
Red Rock & Anhydrite	30	3585	Red Rock	30	3615
Red Rock & Anhydrite	30	3645	Red Rock	30	3675
Red Rock & Anhydrite	30	3705	Red Rock	30	3735
Red Rock & Anhydrite	30	3765	Red Rock	30	3795
Red Rock & Anhydrite	30	3825	Red Rock	30	3855
Red Rock & Anhydrite	30	3885	Red Rock	30	3915
Red Rock & Anhydrite	30	3945	Red Rock	30	3975
Red Rock & Anhydrite	30	4005	Red Rock	30	4035
Red Rock & Anhydrite	30	4065	Red Rock	30	4095
Red Rock & Anhydrite	30	4125	Red Rock	30	4155
Red Rock & Anhydrite	30	4185	Red Rock	30	4215
Red Rock & Anhydrite	30	4245	Red Rock	30	4275
Red Rock & Anhydrite	30	4305	Red Rock	30	4335
Red Rock & Anhydrite	30	4365	Red Rock	30	4395
Red Rock & Anhydrite	30	4425	Red Rock	30	4455
Red Rock & Anhydrite	30	4485	Red Rock	30	4515
Red Rock & Anhydrite	30	4545	Red Rock	30	4575
Red Rock & Anhydrite	30	4605	Red Rock	30	4635
Red Rock & Anhydrite	30	4665	Red Rock	30	4695
Red Rock & Anhydrite	30	4725	Red Rock	30	4755
Red Rock & Anhydrite	30	4785	Red Rock	30	4815
Red Rock & Anhydrite	30	4845	Red Rock	30	4875
Red Rock & Anhydrite	30	4905	Red Rock	30	4935
Red Rock & Anhydrite	30	4965	Red Rock	30	4995
Red Rock & Anhydrite	30	5025	Red Rock	30	5055
Red Rock & Anhydrite	30	5085	Red Rock	30	5115
Red Rock & Anhydrite	30	5145	Red Rock	30	5175
Red Rock & Anhydrite	30	5205	Red Rock	30	5235
Red Rock & Anhydrite	30	5265	Red Rock	30	5295
Red Rock & Anhydrite	30	5325	Red Rock	30	5355
Red Rock & Anhydrite	30	5385	Red Rock	30	5415
Red Rock & Anhydrite	30	5445	Red Rock	30	5475
Red Rock & Anhydrite	30	5505	Red Rock	30	5535
Red Rock & Anhydrite	30	5565	Red Rock	30	5595
Red Rock & Anhydrite	30	5625	Red Rock	30	5655
Red Rock & Anhydrite	30	5685	Red Rock	30	5715
Red Rock & Anhydrite	30	5745	Red Rock	30	5775
Red Rock & Anhydrite	30	5805	Red Rock	30	5835
Red Rock & Anhydrite	30	5865	Red Rock	30	5895
Red Rock & Anhydrite	30	5925	Red Rock	30	5955
Red Rock & Anhydrite	30	5985	Red Rock	30	6015
Red Rock & Anhydrite	30	6045	Red Rock	30	6075
Red Rock & Anhydrite	30	6105	Red Rock	30	6135
Red Rock & Anhydrite	30	6165	Red Rock	30	6195
Red Rock & Anhydrite	30	6225	Red Rock	30	6255
Red Rock & Anhydrite	30	6285	Red Rock	30	6315
Red Rock & Anhydrite	30	6345	Red Rock	30	6375
Red Rock & Anhydrite	30	6405	Red Rock	30	6435
Red Rock & Anhydrite	30	6465	Red Rock	30	6495
Red Rock & Anhydrite	30	6525	Red Rock	30	6555
Red Rock & Anhydrite	30	6585	Red Rock	30	6615
Red Rock & Anhydrite	30	6645	Red Rock	30	6675
Red Rock & Anhydrite	30	6705	Red Rock	30	6735
Red Rock & Anhydrite	30	6765	Red Rock	30	6795
Red Rock & Anhydrite	30	6825	Red Rock	30	6855
Red Rock & Anhydrite	30	6885	Red Rock	30	6915
Red Rock & Anhydrite	30	6945	Red Rock	30	6975
Red Rock & Anhydrite	30	7005	Red Rock	30	7035
Red Rock & Anhydrite	30	7065	Red Rock	30	7095
Red Rock & Anhydrite	30	7125	Red Rock	30	7155
Red Rock & Anhydrite	30	7185	Red Rock	30	7215
Red Rock & Anhydrite	30	7245	Red Rock	30	7275
Red Rock & Anhydrite	30	7305	Red Rock	30	7335
Red Rock & Anhydrite	30	7365	Red Rock	30	7395
Red Rock & Anhydrite	30	7425	Red Rock	30	7455
Red Rock & Anhydrite	30	7485	Red Rock	30	7515
Red Rock & Anhydrite	30	7545	Red Rock	30	7575
Red Rock & Anhydrite	30	7605	Red Rock	30	7635
Red Rock & Anhydrite	30	7665	Red Rock	30	7695
Red Rock & Anhydrite	30	7725	Red Rock	30	7755
Red Rock & Anhydrite	30	7785	Red Rock	30	7815
Red Rock & Anhydrite	30	7845	Red Rock	30	7875
Red Rock & Anhydrite	30	7905	Red Rock	30	7935
Red Rock & Anhydrite	30	7965	Red Rock	30	7995
Red Rock & Anhydrite	30	8025	Red Rock	30	8055
Red Rock & Anhydrite	30	8085	Red Rock	30	8115
Red Rock & Anhydrite	30	8145	Red Rock	30	8175
Red Rock & Anhydrite	30	8205	Red Rock	30	8235
Red Rock & Anhydrite	30	8265	Red Rock	30	8295
Red Rock & Anhydrite	30	8325	Red Rock	30	8355
Red Rock & Anhydrite	30	8385	Red Rock	30	8415
Red Rock & Anhydrite	30	8445	Red Rock	30	8475
Red Rock & Anhydrite	30	8505	Red Rock	30	8535
Red Rock & Anhydrite	30	8565	Red Rock	30	8595
Red Rock & Anhydrite	30	8625	Red Rock	30	8655
Red Rock & Anhydrite	30	8685	Red Rock	30	8715
Red Rock & Anhydrite	30	8745	Red Rock	30	8775
Red Rock & Anhydrite	30	8805	Red Rock	30	8835
Red Rock & Anhydrite	30	8865	Red Rock	30	8895
Red Rock & Anhydrite	30	8925	Red Rock	30	8955
Red Rock & Anhydrite	30	8985	Red Rock	30	9015
Red Rock & Anhydrite	30	9045	Red Rock	30	9075
Red Rock & Anhydrite	30	9105	Red Rock	30	9135
Red Rock & Anhydrite	30	9165	Red Rock	30	9195
Red Rock & Anhydrite	30	9225	Red Rock	30	9255
Red Rock & Anhydrite	30	9285	Red Rock	30	9315
Red Rock & Anhydrite	30	9345	Red Rock	30	9375
Red Rock & Anhydrite	30	9405	Red Rock	30	9435
Red Rock & Anhydrite	30	9465	Red Rock	30	9495
Red Rock & Anhydrite	30	9525	Red Rock	30	9555
Red Rock & Anhydrite	30	9585	Red Rock	30	9615
Red Rock & Anhydrite	30	9645	Red Rock	30	9675
Red Rock & Anhydrite	30	9705	Red Rock	30	9735
Red Rock & Anhydrite	30	9765	Red Rock	30	9795
Red Rock & Anhydrite	30	9825	Red Rock	30	9855
Red Rock & Anhydrite	30	9885	Red Rock	30	9915
Red Rock & Anhydrite	30	9945	Red Rock	30	9975
Red Rock & Anhydrite	30	10005	Red Rock	30	10035
Red Rock & Anhydrite	30	10065	Red Rock	30	10095
Red Rock & Anhydrite	30	10125	Red Rock	30	10155
Red Rock & Anhydrite	30	10185	Red Rock	30	10215
Red Rock & Anhydrite	30	10245	Red Rock	30	10275
Red Rock & Anhydrite	30	10305	Red Rock	30	10335
Red Rock & Anhydrite	30	10365	Red Rock	30	10395
Red Rock & Anhydrite	30	10425	Red Rock	30	10455
Red Rock & Anhydrite	30	10485	Red Rock	30	10515
Red Rock & Anhydrite	30	10545	Red Rock	30	10575
Red Rock & Anhydrite	30	10605	Red Rock	30	10635
Red Rock & Anhydrite	30	10665	Red Rock	30	10