

DATE IN	SUSPENSE	ENGINEER	LOGGED IN	TYPE	APP NO.
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ABOVE THIS LINE FOR DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION

- Engineering Bureau -

1220 South St. Francis Drive, Santa Fe, NM 87505



ADMINISTRATIVE APPLICATION CHECKLIST

THIS CHECKLIST IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE

Application Acronyms:

[NSL-Non-Standard Location] [NSP-Non-Standard Proration Unit] [SD-Simultaneous Dedication]
 [DHC-Downhole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling]
 [PC-Pool Commingling] [OLS - Off-Lease Storage] [OLM-Off-Lease Measurement]
 [WFX-Waterflood Expansion] [PMX-Pressure Maintenance Expansion]
 [SWD-Salt Water Disposal] [IPI-Injection Pressure Increase]
 [EOR-Qualified Enhanced Oil Recovery Certification] [PPR-Positive Production Response]

- [1] TYPE OF APPLICATION - Check Those Which Apply for [A]
- [A] Location - Spacing Unit - Simultaneous Dedication
☐ NSL ☐ NSP ☐ SD
- Check One Only for [B] or [C]
- [B] Commingling - Storage - Measurement
☐ DHC ☐ CTB ☐ PLC ☐ PC ☐ OLS ☐ OLM
- [C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery
☐ WFX ☐ PMX ☒ SWD ☐ IPI ☐ EOR ☐ PPR
- [D] Other: Specify _____
- [2] NOTIFICATION REQUIRED TO: - Check Those Which Apply, or Does Not Apply
- [A] ☒ Working, Royalty or Overriding Royalty Interest Owners
- [B] ☒ Offset Operators, Leaseholders or Surface Owner
- [C] ☒ Application is One Which Requires Published Legal Notice
- [D] ☒ Notification and/or Concurrent Approval by BLM or SLO
 U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office
- [E] ☒ For all of the above, Proof of Notification or Publication is Attached, and/or,
- [F] ☐ Waivers are Attached
- [3] SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION INDICATED ABOVE.

[4] CERTIFICATION: I hereby certify that the information submitted with this application for administrative approval is accurate and complete to the best of my knowledge. I also understand that no action will be taken on this application until the required information and notifications are submitted to the Division.

Note: Statement must be completed by an individual with managerial and/or supervisory capacity.

Brian Wood

Print or Type Name

Signature

Consultant

Title

12-22-14

Date

brian@permitswest.com

e-mail Address

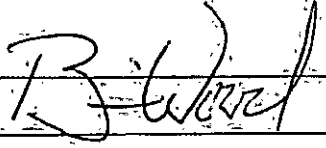
Exhibit No. 3

Case # 15278

Date: May 19, 2016

High Roller Wells, LLC

APPLICATION FOR AUTHORIZATION TO INJECT

- PURPOSE: _____ Secondary Recovery _____ Pressure Maintenance XXX Disposal _____ Storage
Application qualifies for administrative approval? _____ Yes _____ No
- II. OPERATOR: HIGH ROLLER WELLS LLC
ADDRESS: 1008 SOUTHVIEW CIRCLE, CENTER TX 75935
CONTACT PARTY: BRIAN WOOD (PERMITS WEST, INC.) PHONE: 505 466-8120
- III. WELL DATA: Complete the data required on the reverse side of this form for each well proposed for injection.
Additional sheets may be attached if necessary.
- IV. Is this an expansion of an existing project? _____ Yes XXX No
If yes, give the Division order number authorizing the project: _____
- V. Attach a map that identifies all wells and leases within two miles of any proposed injection well with a one-half mile radius circle drawn around each proposed injection well. This circle identifies the well's area of review.
- VI. Attach a tabulation of data on all wells of public record within the area of review which penetrate the proposed injection zone. Such data shall include a description of each well's type, construction, date drilled, location, depth, record of completion, and a schematic of any plugged well illustrating all plugging detail.
- VII. Attach data on the proposed operation, including:
1. Proposed average and maximum daily rate and volume of fluids to be injected;
 2. Whether the system is open or closed;
 3. Proposed average and maximum injection pressure;
 4. Sources and an appropriate analysis of injection fluid and compatibility with the receiving formation if other than reinjected produced water; and,
 5. If injection is for disposal purposes into a zone not productive of oil or gas at or within one mile of the proposed well, attach a chemical analysis of the disposal zone formation water (may be measured or inferred from existing literature, studies, nearby wells, etc.).
- Gossett SWD 1.
SWD; Bell Canyon
& Cherry Canyon
- *VIII. Attach appropriate geologic data on the injection zone including appropriate lithologic detail, geologic name, thickness, and depth. Give the geologic name, and depth to bottom of all underground sources of drinking water (aquifers containing waters with total dissolved solids concentrations of 10,000 mg/l or less) overlying the proposed injection zone as well as any such sources known to be immediately underlying the injection interval.
- IX. Describe the proposed stimulation program, if any.
- *X. Attach appropriate logging and test data on the well. (If well logs have been filed with the Division, they need not be resubmitted).
- *XI. Attach a chemical analysis of fresh water from two or more fresh water wells (if available and producing) within one mile of any injection or disposal well showing location of wells and dates samples were taken.
- XII. Applicants for disposal wells must make an affirmative statement that they have examined available geologic and engineering data and find no evidence of open faults or any other hydrologic connection between the disposal zone and any underground sources of drinking water.
- XIII. Applicants must complete the "Proof of Notice" section on the reverse side of this form.
- XIV. Certification: I hereby certify that the information submitted with this application is true and correct to the best of my knowledge and belief.
- NAME: BRIAN WOOD TITLE: CONSULTANT
SIGNATURE:  DATE: DEC. 18, 2014
E-MAIL ADDRESS: brian@permitswest.com
- * If the information required under Sections VI, VIII, X, and XI above has been previously submitted, it need not be resubmitted. Please show the date and circumstances of the earlier submittal: _____

WELL DATA

A. The following well data must be submitted for each injection well covered by this application. The data must be both in tabular and schematic form and shall include:

- (1) Lease name; Well No.; Location by Section, Township and Range; and footage location within the section.
- (2) Each casing string used with its size, setting depth, sacks of cement used, hole size, top of cement, and how such top was determined.
- (3) A description of the tubing to be used including its size, lining material, and setting depth.
- (4) The name, model, and setting depth of the packer used or a description of any other seal system or assembly used.

Division District Offices have supplies of Well Data Sheets which may be used or which may be used as models for this purpose. Applicants for several identical wells may submit a "typical data sheet" rather than submitting the data for each well.

B. The following must be submitted for each injection well covered by this application. All items must be addressed for the initial well. Responses for additional wells need be shown only when different. Information shown on schematics need not be repeated.

- (1) The name of the injection formation and, if applicable, the field or pool name.
- (2) The injection interval and whether it is perforated or open-hole.
- (3) State if the well was drilled for injection or, if not, the original purpose of the well.
- (4) Give the depths of any other perforated intervals and detail on the sacks of cement or bridge plugs used to seal off such perforations.
- (5) Give the depth to and the name of the next higher and next lower oil or gas zone in the area of the well, if any.

XIV. PROOF OF NOTICE

All applicants must furnish proof that a copy of the application has been furnished, by certified or registered mail, to the owner of the surface of the land on which the well is to be located and to each leasehold operator within one-half mile of the well location.

Where an application is subject to administrative approval, a proof of publication must be submitted. Such proof shall consist of a copy of the legal advertisement which was published in the county in which the well is located. The contents of such advertisement must include:

- (1) The name, address, phone number, and contact party for the applicant;
- (2) The intended purpose of the injection well; with the exact location of single wells or the Section, Township, and Range location of multiple wells;
- (3) The formation name and depth with expected maximum injection rates and pressures; and,
- (4) A notation that interested parties must file objections or requests for hearing with the Oil Conservation Division, 1220 South St. Francis Dr., Santa Fe, New Mexico 87505, within 15 days.

NO ACTION WILL BE TAKEN ON THE APPLICATION UNTIL PROPER PROOF OF NOTICE HAS BEEN SUBMITTED.

NOTICE: Surface owners or offset operators must file any objections or requests for hearing of administrative applications within 15 days from the date this application was mailed to them.

INJECTION WELL DATA SHEET

OPERATOR: HIGH ROLLER WELLS LLCWELL NAME & NUMBER: GOSSETT SWD 1

WELL LOCATION: 313 FSL & 921 FEL P 33 23 S 28 E
 FOOTAGE LOCATION UNIT LETTER SECTION TOWNSHIP RANGE

WELLBORE SCHEMATICWELL CONSTRUCTION DATASurface Casing

Hole Size: 14-3/4" Casing Size: 10-3/4"
 Cemented with: 519 sx. or 612 ft³
 Top of Cement: SURFACE Method Determined: CIRCULATE

Intermediate Casing

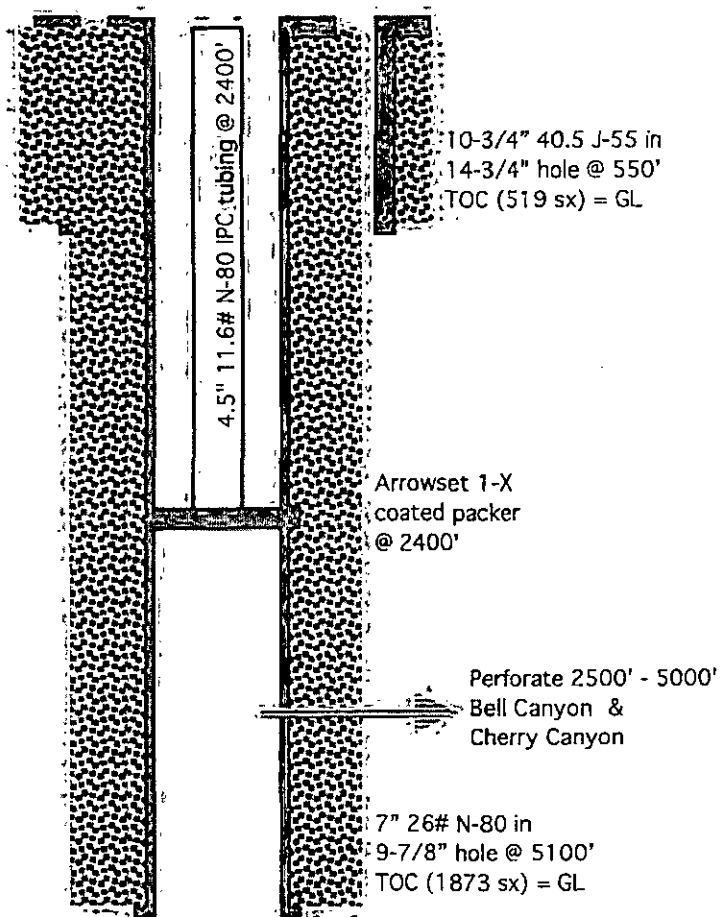
Hole Size: _____ Casing Size: _____
 Cemented with: _____ sx. or _____ ft³
 Top of Cement: _____ Method Determined: _____

Production Casing

Hole Size: 9-7/8" Casing Size: 7"
 Cemented with: 1,873 sx. or 1,985 ft³
 Top of Cement: SURFACE Method Determined: CIRCULATE
 Total Depth: 5,100'

Injection Interval2,500' feet to 5,000'

(not to scale)

(Perforated or ~~Open Hole~~; indicate which)

TD 5100'

INJECTION WELL DATA SHEETTubing Size: 4-1/2" Lining Material: IPCType of Packer: ARROWSET 1-X COATEDPacker Setting Depth: 2400'

Other Type of Tubing/Casing Seal (if applicable): _____

Additional Data

1. Is this a new well drilled for injection? XXX Yes No

If no, for what purpose was the well originally drilled? _____

2. Name of the Injection Formation: BELL CANYON & CHERRY CANYON

3. Name of Field or Pool (if applicable): SWD; BELL CANYON-CHERRY CANYON (96802)

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e. sacks of cement or plug(s) used. _____

NO (no spud yet)

5. Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area: _____

OVER: NONEUNDER: BRUSHY CANYON (6095'), WOLFCAMP (9450'), STRAWN (11350'), ATOKA (11600'), & MORROW (12300')

High Roller Wells LLC

PAGE 1

Gossett SWD 1

313' FSL & 921' FEL Sec. 33, T. 23 S., R. 28 E.

Eddy County, New Mexico

I. Goal is to drill a 5100' deep saltwater disposal well south of Loving (Exhibit A). Disposal interval will be 2500' - 5000' in the SWD; Bell Canyon - Cherry Canyon (96802).

II. Operator: High Roller Wells LLC

Operator phone number: (936) 598-5577

Operator address: 1008 Southview Circle, Center TX 75935

Contact for Application: Brian Wood (Permits West, Inc.)

Phone: (505) 466-8120

III. A. (1) Lease: fee

A. (2) Surface casing (10-3/4", 40.5#, J-55) will be set at 550' in a 14-3/4" hole and cemented to the surface with 519 sacks (612 cubic feet) Class A. Excess = 100%

Production casing (7", 26#, N-80) will be set at 5100' in a 9-7/8" hole and cemented to the surface with 1,873 sacks (1985 cubic feet) Class H and 50/50 poz. Excess = 50%

A. (3) Tubing will be 4.5", 11.6#, N-80, IPC. Setting depth will be 2400'. (Disposal interval will be 2500' to 5000'.)

A. (4) An Arrowset 1-X coated packer will be set at 2400'. That is 100' above the top (2500') of the disposal interval.

B. (1) Disposal zone will be the SWD; Bell Canyon - Cherry Canyon (96802).

B. (2) Disposal interval will be 2500' to 5000'.

B. (3) The well will be drilled as a disposal well.

Gossett SWD 1

313' FSL & 921' FEL Sec. 33, T. 23 S., R. 28 E.

Eddy County, New Mexico

B. (4) The well has not been previously perforated. (No spud yet.)

B. (5) No producing zone is above the top (2500') of the disposal interval within the area of review. Top (6096') of the closest producing zone (Brushy Canyon) below the disposal zone in the area of review is 996' below the TD (5100'). Bone Spring is below the Brushy Canon and also produces within the area of review. Wolfcamp, Strawn, Atoka, and Morrow have all been tested within the area of review.

IV. This is not an expansion of an existing injection project. It is disposal only.

V. Exhibit B shows the 6 existing wells (3 P & A + 1 oil + 2 water supply) and 1 proposed oil well within a half-mile radius. Exhibit C shows all 92 existing wells (48 oil or gas wells + 20 P & A wells + 2 disposal + 22 water supply) within a two-mile radius.

Exhibit D lists all lessors (only BLM and fee) within a half-mile radius. There are no Bell or Cherry Canyon operators within a half-mile. Exhibit E shows all lessors (fee, State, and BLM) within a two-mile radius.

VI. All four oil wells within a half-mile radius penetrated the Bell Canyon and Cherry Canyon. A summary of the penetrators' construction details is attached as Exhibit F. Diagrams of plugged wells are also in Exhibit F. Wells in or near the area of review are:

API	OPERATOR	LOCATION	ZONE(S) TESTED	TVD	WELL	STATUS	FEET FROM GOSSETT SWD 1
3001526798	SW Royalties	P-33-23s- 28e	Brushy Canyon	6300	Witt 1	P&A	441

Gossett SWD 1

313' FSL & 921' FEL Sec. 33, T. 23 S., R. 28 E.

Eddy County, New Mexico

3001523586	Manzano	O-33-23s-28e	Atoka, Bone Spring, Morrow, Strawn	13000	Pardue Farms 1	P&A	1136
3001541308	Mewbourne	M-34-23s-28e	Bone Spring	12785	Yardbirds 34 MD Fee 2H	no spud yet	1522
3001536645	COG	I-33-23s-28e	Bone Spring, Brushy Canyon	10916	Higgins 33 1H	Oil	2023
3001523497	HNG	H-4-24s-28e	Atoka, Morrow	13000	Vasquez 4 Com 1	P&A	2273
3001523879	BK Exploration	N-34-23s-28e	Atoka, Brushy Canyon, Wolfcamp	12355	Fate 34 1	Gas	2970

- VII. 1. Average injection rate will be $\approx 20,000$ bwpd.
Maximum injection rate will be 30,000 bwpd.
2. System will be open.
3. Average injection pressure will be ≈ 400 psi.
Maximum injection pressure will be 500 psi ($= 0.2$ psi/foot $\times 2500'$ (top perforation)).
4. There have been no reports of problems disposing into the closest (3,757' east) active SWD; Bell Canyon - Cherry Canyon well (30-015-40496). At least 1,085,493 barrels have been disposed into that well in the last 2 years. There are 11 active SWD; Bell Canyon wells, 40 active SWD; Bell Canyon - Cherry Canyon wells; and 15 active SWD; Cherry Canyon wells in New Mexico.

Water source will mainly be produced water from Avalon, Bone Spring, and Wolfcamp wells. A summary follows. Details are in Exhibit G.

Gossett SWD 1

313' FSL & 921' FEL Sec. 33, T. 23 S., R. 28 E.

Eddy County, New Mexico

Well	Red Hills West Unit 1H	Papagayo Federal 1	Boyles 24 1H	Nel 2	Thistle Unit 5
API #	30-025- 39902	30-025- 32543	30-015- 38246	30-015- 23759	30-025- 34580
Location	P-8-26s- 32e	M-27-23s- 34e	N-24-25s- 28e	I-9-23s- 28e	F-34-23s- 33e
Zone	Avalon	Bell Canyon	Bone Spring	Cherry Canyon	Wolfcamp
Parameter mg/l					
barium (Ba)	0.9		0	0	0
bicarbonate (HCO ₃)	2416	208.6	1403	61	704
calcium (Ca)	2490	31262.4	3700.86	19200	10500
carbon dioxide (CO ₂)	270	576	400	0	
chloride (Cl)	104000	212552.9	128800	100000	78366
hydrogen sulfide (H ₂ S)	0	6	0	0	0
Iron (Fe)	110	34	17.57	10	212.5
magnesium (Mg)	730	5080.8	841.87	4636	14500
nitrate (NO ₃)					187
manganese (Mn)	1.08		0	0	
pH	6.7	5.8	6.69	7.2	6.7
potassium (K)	1438		1109		43.8
sodium (Na)	61500	92544.7	69386	34488.27	
strontium (Sr)	205		483		
sulfate (SO ₄)	1750	200	700	870	1350
total dissolved solids (TDS)	174641	341883	206441	159385	105950

5. Bell Canyon and Cherry Canyon have not produced oil or gas within a mile radius. See Exhibit G for analyses of Bell Canyon and Cherry Canyon water.

Gossett SWD 1

313' FSL & 921' FEL Sec. 33, T. 23 S., R. 28 E.

Eddy County, New Mexico

VIII. The Bell Canton and Cherry Canyon ($\approx 2,500'$ thick in this well) are composed of fine to very fine grained sands with poor consolidation. Dolomite, limestone, shale, siltstone, and mudstone layers can also be found. Only the sands have the permeability needed for disposal. There is a $\approx 1,550'$ interval of salt and anhydrites above the top of the Bell Canyon.

Closest possible underground source of drinking water above the proposed disposal interval is the Quaternary at the surface. There are 5 existing water wells within a 1-mile (1610 meter) radius according to State records (Exhibit H). Closest of the five is 2,305' east. Deepest of the five is 250' deep. Depth to water ranges from 25' to 190'. No underground source of drinking water is below the proposed disposal interval.

Formation tops are:

Quaternary = 0'
Anhydrite = 950'
Salt = 1150'
Anhydrite = 1700'
Salt = 1900'
Rustler Anhydrite = 1915'
Salt = 2310'
Bell Canyon = 2500'
Cherry Canyon = 3480'
Manzanita Marker = 3600'
Proposed Total Depth = 5100'
Brushy Canyon = 6095'
Bone Spring = 6210'
Wolfcamp = 9450'
Strawn = 11350'
Atoka = 11600'
Morrow = 12300'

There will be $\approx 2,250'$ of vertical separation (of which $\approx 1,550'$ will be salt and anhydrite) between the bottom of the only likely underground water source (Quaternary) and the top of the Bell Canyon. The Ogallala is not present. It is >50 miles northeast.

Gossett SWD 1

313' FSL & 921' FEL Sec. 33, T. 23 S., R. 28 E.

Eddy County, New Mexico

A minimum of 1,833,772 barrels of produced water has been disposed into the Bell Canyon or Cherry Canyon at 2 saltwater disposal wells (30-015-29735 & 30-015-40496) in T. 23 S., R. 28 E.

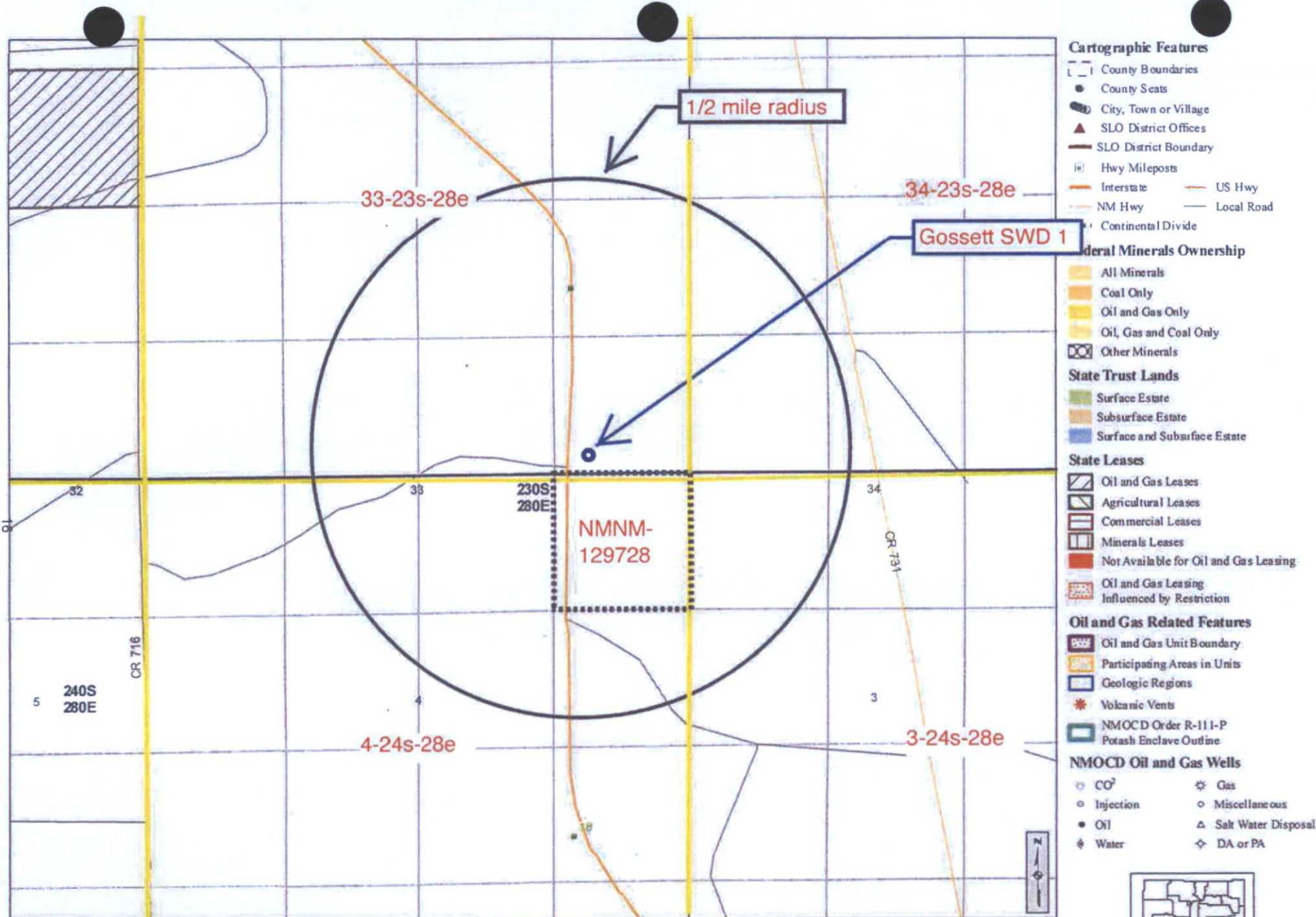
- IX. The well will be stimulated with 15% HCl to clean out scale or fill.
- X. Dual laterolog, density, and neutron logs will be run and filed with NMOCD.
- XI. Analyses from 2 water wells are attached as Exhibit I.
- XII. High Roller Wells LLC is not aware of any geologic or engineering data that may indicate the Bell Canyon or Cherry Canyon are in hydrologic connection with any underground sources of water. There are 64 active Bell Canyon or Cherry Canyon saltwater disposal wells in New Mexico. Closest Quaternary fault (Guadalupe) is 53 miles southwest (Exhibit J).
- XIII. A legal ad (see Exhibit K) was published on October 4, 2014. Notice (this application) has been sent (Exhibit L) to the surface owner (District Disposal) and all lessors, or leasehold operators, or other affected persons within a half-mile.





Quadrangle: LOVING
Scale: 1:24,000





**New Mexico State Land Office
Oil, Gas and Minerals**

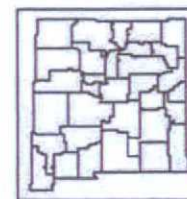
0 0.05 0.1 0.2 0.3 0.4 Miles
Universal Transverse Mercator Projection, Zone 13
1983 North American Datum

The New Mexico State Land Office assumes no responsibility or liability for, or in connection with, the accuracy, reliability or use of the information provided here, in State Land Office data layers or any other data layer.

Land Office Geographic Information Center
logic@slo.state.nm.us

Created On: 10/26/2014 3:09:27 PM

EXHIBIT D



www.nmstatelands.org

NAME	ADDRESS Street	City State Zip	SECTION
Ahrens, Linda Craft	1216 Cedar Court	Carlsbad, NM 88220	4
BLM	620 E. Greene	Carlsbad, NM 88220	
Chavez, Robert Z. & Elodia	1867 Pecos Hwy.	Loving, NM 88256	4
Chevron USA, Inc.	P.O. Box 2100	Houston, TX 77252	4
COG Production, LLC	One Concho Center	Midland, TX 79701	4
District Disposal, LLC	1008 Southview Circle	Center, TX 79702	33
Earl B. Guitar Jr. and Margaret Ann Guitar Revocable Trust	P.O. Box 748	Abilene TX 79604	4
Energex, LLC	4425 98th Street Suite 200	Lubbock, TX 79424	4
Escondido Oil & Gas, LLC	P.O. Box 51390	Midland, TX 79710	4
Featherstone Development Corp.	P.O. Box 429	Roswell, NM 88202	4 & 34
Franco, Hippolito Q. Franco	1010 Sanders Lane	Bosque Farms, NM 87068	4

EXHIBIT D

NAME	ADDRESS Street	City State Zip	SECTION
Franco, Manuela Q. Franco	P.O. Box 1286	Loving, NM 88256	4
Gonzales, Leos and Luzi , Husband and Wife	1848 Pecos Hwy	Loving, NM 88256	4
Greak, Nolan	8008 Slide Road, Suite 33	Lubbock, TX 77402	4
Gregory, Kathy c/o Irma Gregory	14 Cork Street	Alva, FL 33920	3 & 4
Hougland, Celia & Robert D., Wife and Husband	P.O. Box 1286	Loving NM 88256	4
HV Franco Minerals	P.O. Box 1286	Loving, NM 88250	4
Hyden, Michael R.	1104 N. Shore Dr. Carlsbad, NM 88220	Carlsbad, NM 88220	4
Larez, Esperanza F.	311 Soper Carlsbad NM 88220	Carlsbad, NM 88220	4
Leon, Gloria Vasquez	1613 Lobo Mountain Lane	Roundrock, TX 78664	4
Long, LLC	275 East South Temple, Suite 250	Salt Lake City, Utah 84111	4
Matador Resources Co.	5400 LBJ FWY #1500	Dallas, TX 75240	
McCarty, O.J. & Mary Lee,	P.O. Box 5007	Carlsbad NM 88221- 5007	4

EXHIBIT D

NAME	ADDRESS Street	City State Zip	SECTION
Morales, Edward	803 South Alameda	Carlsbad, NM 88220	4
Morales, Maggie aka Maria Magdalena Vasquez	P.O. Box 213	Loving, NM 88256	4
New Mexico Western Mineral	P.O. Box 1738	Roswell NM 88202	4
Oak Valley Minerals & Land, LP	303 Veterans Air Park Lane	Midland, TX 79705	4
Panagopoulos Enterprises	511 West Reinken	Belen NM 87002	4
Panhandle Properties, LLC	P.O. Box 647	Artesia, NM 88211-0647	4
Pardue Limited Company	126 North Canyon St	Carlsbad 88220	4
Patricia Ann Beeman Allen Trust	807 Alamosa Street	Carlsbad, NM 88220	4
Sing, Eddie C.	4204 Townsend Road	Carlsbad, NM 88220	4
Southwest Petroleum Land Services LLC	1901 W. 4th Street	Roswell, NM 88201	4

EXHIBIT D

NAME	ADDRESS Street	City State Zip	SECTION
Stribling, Martha G.	520 Ranchito Rd.	Los Ranchos De Albuquerque, NM 87114	4
Stribling, Martha J.	6818 Academy Parkway West NE	Albuquerque, NM 87109-4406	4
The Estate of Cella B. Milavec Co-Personal Representatives: Vincent Milavec Michael Schaefer	2308 13th Street SE	Rio Rancho, NM 87124	4
Vasquez, Antonio	1808 Pecos Hwy.	Loving, NM 88256	4
Vasquez, Benjamin	Two East Ogden	Loving, NM 88256	4
Vasquez, Carmen	406 South Mesa	Carlsbad, NM 88220	4
Vasquez, Epifanio	107 Taylor Carlsbad, NM 88220	Carlsbad, NM 88220	4
Vasquez, Francisco	1793 Pecos Hwy.	Loving, NM 88256	4
Vasquez, Guadalupe O. & Debra K., Husband and Wife	1858 Pecos Hwy.	Loving, NM 88256	4

EXHIBIT D

NAME	ADDRESS Street	City State Zip	SECTION
Vasquez, Juan Jose	15 W. Ogden Rd.	Loving, NM 88256	4
Vasquez, Margarita O.	1862 Pecos Hwy.	Loving NM 88256	4
Vasquez, Maria Elena	42 East Ogden Road	Loving, NM 88256	4
Vasquez, Maximiano	7531 Grandi Rd.	Carlsbad, NM 88256	4.
Vasquez, Melissa O.	1846 Pecos Hwy.	Loving, NM 88256	4
Vasquez, Miguel	1787 Pecos Hwy.	Loving, NM 88256	4
Vasquez, Pedro	42 East Ogden Road	Loving, NM 88256	4
Watts Properties, LLC	P.O. Box 2367	Roswell, NM 88202	4
Wyman, Mary Jo Ann	18011 Whispering Gable	Dallas, TX 75287	4

EXHIBIT D

#	NAME	ADDRESS Street	City State Zip	SECTION
1	1st National Bank of Topeka, Trustee of the Julie J. Martin Living Trust c/o Julie J. Martin	Box 10911	Southport, NC 28461	3
2	Alexander, James Minor	P.O. Box 58	Abilene, TX 79604	34
3	Allen, Margie Grossenbacher	P.O. Box 796	Waco, TX 76703	34
4	B&G Royalties	P.O. Box 376	Artesia, NM 88211	33
5	Barbara Lee Backman, Inc.	4407 N. Division Street Suite 900	Spokane, Washington 99207-1696	34
6	Barton, Norma J.	P.O. Box 729	Hobbs, NM 88240	34
7	Barton, Roy G., Jr.	P.O. Box 978	Hobbs, NM 88240	34
8	Beeman, William F. ssp	405 Jaunita	Carlsbad NM 88220	3
9	Beeman, Frances F. & Beeman, Bette Jo H&W, Joint Tenants	1405 West Ural Dr.	Carlsbad NM 88220	3&34
10	Beeman, Janet Lorine	Rt. 2 Box 7	Balka, OK 73931	3&34
11	Beeman, Mark A. ssp	57 North Sky Loop	Roswell, NM 88201	3&34
12	Beeman, Patricia Ann	807 Alamosa St.	Carlsbad, NM 88220	3&34
13	Beeman, Richard Franklin	1303 Ural Dr.	Carlsbad, NM 88220	3&34
14	Beeman, Robert B.	1520 N. Guadalupe	Carlsbad, NM 88220	3&34
15	Beeman, William F.	405 Jaunita	Carlsbad NM 88220	34
16	Bennett, William D. h/o/a Bennett, Millie F.	3704 Castle Ave.	Waco, TX 76710	33&34
17	BHF Corporation	810 S. Cincinnati Suite 110	Tulsa, OK 74119	34
18	Big Three Energy Group, LLC	P.O. Box 429	Roswell, NM 88201	33
19	Bird Creek Resources, Inc.	1437 S. Boulder Suite 930	Tulsa, OK 74119-3609	34
20	BK Exploration Corporation	10159 E. 11th Street Suite 401	Tulsa, OK 74128	34

#	NAME	ADDRESS Street	City State Zip	SECTION
21	BK Royalties, LLC	10159 E. 11th Street Suite 401	Tulsa, OK 74128	34
22	Black Bird Royalties	28 Haley Circle	Roswell, NM 88201	3
23	BMNW Resources, LLC	P.O. Box 180573	Dallas, TX 75218	33&34
24	BNSF Railway Company	2500 Lou Menk Dr. AOB-3	Fort Worth, TX 76131	3&34
25	Breaux, Melissa	10 Oakwood Dr.	Lafayette, LA	3
26	Bringham, Joanne	1201 Snowden Farm Cove	Collierville, TN 38017	3
27	Bringham, Richard	1424 Sunset Trail	Roanoke, TX	3
28	Brown, David B.	5216 Blue Cypress Lane	League City, TX 77525	3
29	Brown, James A., Trustee, James A. Brown Family Trust UTA 4/6/2011	P.O. Box 928	Elk City, OK 73648	3
30	Brown, John A.	3669 Seneca Circle	Las Vegas, NV 89109	3
31	Brown, Kenneth W.	9677 Jayhawk Dr.	Riverside, CA 92509	3
32	Cain, Robert C.	6818 Academy Parkway West NE	Albuquerque, NM 87109	34
33	Campbell, D.G.	3421 E. 87th Place South	Tulsa, OK 74137	34
34	Carlsbad National Bank, Trustee, Oscar J. and Frances V. Dowling Revocable Trust, as Amended	202 W. Stevens Street	Carlsbad, NM 88220	33
35	Carrasco, Eddie E.	1612 W. Tansil	Carlsbad, NM 88220	3
36	Childs & Bishop Law Office, Inc.	310 North Lincoln	Odessa, TX 79761	3
37	Coats, Richard H. and Coats, Sigrid M.	P.O. Box 2412	Midland, TX 79702	34
38	Collins, Craig & Collins, Sheryl, Husband and Wife	3209 Belle Ave	Topeka, KS 66614	3
39	Concho Resources	110 W. Louisiana Suite 410	Midland, TX 79701	34
40	Connie Energy Corporation c/o Harvey E. Yates Company	P.O. Box 1933	Roswell, NM 88203-1933	3
41	Creak, Nolan	2112 Indiana	Lubbock, TX 79410	3
42	Cummings, Pamela Rae	P.O. Box 817	Panhandle, TX 79068	3
43	Davis, Virginia Lee	2605 W. Ohio	Carlsbad NM 88220	3
44	Davis, Virginia Lee	8571 E. Buckhorn Lane	Rogersville, MO 65742-7314	34
45	Delaware Ranch Inc.	1304 W. Riverside Dr.	Carlsbad, NM 88220	3
46	Dewey, James C.	1004 N. Big Spring, St. #500	Midland, TX 79701	3

#	NAME	ADDRESS Street	City State Zip	SECTION
47	Discovery Exploration, a Partnership	410 North Main	Midland, TX 79701	33
48	DMD, LLC c/o Ross Duncan	P.O. Box 300	Artesia, NM 88211-0300	34
49	Dowling, Margaret V.	1829 Georgia, NE	Albuquerque, NM 87110	33&34
50	Earl B. Guitar and Margaret Ann Guitar Revocable Trust	08 Riverside Park	Abilene, TX 79606	34
51	Enerstar Resources O&G, LLC	P.O. Box 606	Carlsbad, NM 88221	33
52	Erwin, Clarence W. & Erwin, Mary I. H&W	4016 Tones	Carlsbad, NM 8220	3
53	Essman, James H.	P.O. Box 302	Midland, TX 79702	34
54	Essman, James W.	1209 Country Club Drive	Midland, TX 79701	34
55	Estate of Covert, Ruth K. c/o Byers, Jane C.	3329 Madeira Drive NE	Albuquerque, NM 87110	34
56	Faith Oil Company, L.P.	451 Pine Suite 352	Abilene, TX 79601	34
57	Fate, Margaret L.	464 Prospect Street #3	La Jolla, CA 90037	3
58	Fenton, Sharon Kay	3447 SE 35th Street	Topeka, KS 66605	3
59	Fisher, Luther M.,ssp	3414 East Dr.	Temple TX 76502	3
60	Ford, Randell K.	415 W. Wall St. Suite 1700	Midland, TX 79701	33
61	Fort, Raymond & Fort, Jaunell Husband and Wife	P.O. Box 65043	Lubbock, TX 79464	3
62	Fry, Andrew Don	P.O. Box 9251	Albuquerque, NM 87119	3
63	G&W Company	P.O. Box 1268	Loving, NM 88256	34
64	Gann, Ross	P.O. Box 3	Monahans, TX 29756	3
65	Garza, Chasity ssp	1410 E. Broadway	Brownfield, TX 79316	3
66	Gregory, Tommy W. c/o Irma J. Gregory	14 Cork St.	Alva, FL 33920	3&34
67	Gregory, William E. c/o Irma J. Gregory	14 Cork St.	Alva, FL 33920	3&34
68	Guitar Land & Cattle Company, L.P.	451 Pine Suite 352	Abilene, TX 79601	34
69	Guitar, Philip E.	P.O. Box 2213	Abilene, TX 79604	34
70	Gulf Coast Oil & Gas Company	P.O. Box 1684	Midland, TX 79702	3
71	Gunther, Tiffany	16702 E. 49th Place	Tulsa, OK 74134	3

#	NAME	ADDRESS Street	City State Zip	SECTION
72	Gupton, Norma	1902 Moody Ct.	Arlington, TX 76012	3
73	Hadsell, Gilbert c/o of Sheryl Collins	3209 Belle Ave	Topeka, KS 66614	3
74	Hall, John E., III	235 B. 23rd St.	Littlefield, TX 79339	3
75	Hall, Mary Camille	3812 Tailfeather Dr.	Round Rock TX 78681	3
76	Hannifin, Barbara	P.O. Box 2588	Roswell, NM 88202	3
77	Hanson-McBride Petroleum Company	Box 1515	Roswell NM 88220	3
78	Hardgrave, Helen J. & Hardgrave, Meredith E., Trustees of the Helen J. Hardgrave & Merideth E. Hardgrave Revocable Living Trust	6012 E. 44th St.	Tulsa, OK 74523	3
79	Harrel, Don and Harrel, Landa M. Husband and Wife	P.O. Box 443	Fletcher, OK 73541	3
80	Harris, Mary E.	531 East Bungalow St.	Richmond KS, 66080	3
81	Hernandez, Maria R.	1504 W. Fox	Carlsbad, NM 88220	3
82	Holsum, Inc.	723 North Main St.	Roswell, NM 88201	3
83	Hopper, Jesma	2926 Columbine	Wichita, KS 67204	3
84	Inez, Jimmy	3026 Alta Vista Lane	San Angelo, TX 76904-7402	3
85	Isbell, James H.	2820 Moss Ave.	Midland, TX 79705	3
86	Iverson, Wendell W., Jr.	P.O. Box 205	Midland, TX 79702	34
87	J Bar Cane Inc.	3660 Highway 41	Stanley, NM 87056	3
88	J.M. Mineral & Land Company, Inc.	P.O. Box 1015	Midland, TX 79702	34
89	Jackson, Dick	P.O. Box 708	Mountain Grove, Missouri 65711	33
90	Johnson Enterprises	P.O. Box 1713	Roswell, NM 88202	34
91	Johnson, Donald L., c/o of Collins, Sheryl	3209 Belle Ave	Topeka, KS 66614	3
92	JTV Partnership	P.O. Box 1713	Roswell, NM 88202-1713	34
93	JTV Partnership	P.O. Box 1713	Roswell, NM 88202	34
94	Kathy Gregory c/o Gregory, Irma J.	14 Cork St.	Alva, FL 33920	3
95	KCK Energy, LLC.	2507 Dartmouth	Midland, TX 7970	3

#	NAME	ADDRESS Street	City State Zip	SECTION
96	Klipstine & Hanratty Law Firm c/o Klipstine, James W., Jr.	P.O. Box 1525	Carlsbad, NM 88220	3
97	L.J.R. Resources, Ltd. Co.	P.O. Box 2527	Roswell, NM 88202	3
98	LaPlante/Johnson Family Trust	7275 S. Sundown Circle	Littleton, CO 80120	34
99	Lawson, Peggy Sue	18395 W. FM 2790 S	South Lytle, TX 78052	3
100	LBD, Limited Partnership	P.O. Box 686	Hobbs, NM 88241	3
101	Ledford, Donja	9700 S. 4055 Rd.	Talala, OK 74080	3
102	LJR Resources Ltd. Company	P.O. Box 2527	Roswell, NM 88202	34
103	Logers, Cinda c/o Mary Lou Lundblade	3013 West 72nd Street N.	Valley Center, KS 67147-9222	3
104	Longbridge, Chalmers A., Executor for the Estate of George A. Lundblade	3901 Riva Dr.	Alexandria, Virginia 22309-3053	3
105	Lott, Jeri Alexander	5005 91st Street	Lubbock, TX 79424	34
106	Lunar Petroleum, LLC	P.O. Box 600490	Dallas, TX 75630	34
107	Lunar Petroleum, LLC	P.O. Box 600490	Dallas, TX 75630	33
108	Lundblade, Mark c/o Mary Lou Lundblade	3013 West 72nd Street N.	Valley Center, KS 67147-9222	3
109	Lundblade, Mary Lou	3013 West 72nd Street N.	Valley Center, KS 67147-9222	3
110	Lundsblade, Mary Lou	511 West Ness St.	Valley Center, KS 67147	3
111	M44th, LLC.	52 Circle Dr. NE	Albuquerque, NM 87127	3&34
112	Magnolia Royalty Company, Inc.	P.O. Box 10703	Midland, TX 79702	34
113	Manning, Nevill	2112 Indiana	Lubbock, TX 79410	3
114	Mansfield, Michael	P.O. Box 22233	Houston, TX 77227-2233	3
115	Mansfield, S.J., III	1201 Snowden Farm Cove	Collierville, TN 38017	3
116	Manzano Energy Partners, LLC	P.O. Box 2107	Roswell, NM 88202	34
117	Marcotte, Helen Lundsblade	1000 Schippel Dr. #224	Salina, KS 67401	3
118	Margaret Stribling	6818 Academy Parkway West NE	Albuquerque, NM 87109	34
119	Martha G. Stribling Revocable Trust restated 6/21/2010	520 Ranchitos Road NW	Los Ranchos de Albuquerque NM 87114	3&34
120	Martin, C.D.	P.O. Box 12	Midland, TX 79702-0012	3

#	NAME	ADDRESS Street	City State Zip	SECTION
121	Martin, Julie J.	P.O. Box 10911	Southport, NC 28461-0911	3
122	Martinez, Perla C.	1612 W. Tansil	Carlsbad, NM 88220	3
123	Martinez, Perla C., AIF for Anastacia R. Blanco	1612 W. Tansil	Carlsbad, NM 88220	3
124	MBR Resources, Inc.	810 S. Cincinnati Suite 201	Tulsa, OK 74119	34
125	McAllister Royalties, LP.	P.O. 1488	Midland, TX 79702	34
126	McAllister Royalties, LP.	P.O. 1488	Midland, TX 79702	3
127	McGonagill, Alec G.	P.O. Box 3	Monahans, TX 29756	3
128	McGonagill, Brian L. & McGonagill, Shirley H&W	1612 Westridge	Carlsbad, NM 88220	3&34
129	Mehl, Margaret L.	702 Cambridge	Lees Summit, MO 64086	3
130	Mewbourne Oil Co.	P.O. Box 7698	Tyler, TX 75701	3&34
131	Michael Schaefer	2308 13th St SE.	Rio Rancho NM 87124	3
132	Milavec Minerals, LLC	2308 13th Street Southeast	Rio Rancho, NM 87124	34
133	Milavec, Vincent; Schauer, Michael; Milavec, Paulette, Co-Trustees, of the Joe T. Milavec & Cella B. Milavec Revocable Trust	2308 13th Street	Rio Rancho, NM 87124-4058	3
134	Mo Oil, LLC	P.O. Box 429	Roswell, NM 88202	33
135	Morgan Capital Group, Inc.	P.O. Box 12195	Odessa, TX 79768	34
136	MRC Permian Company	5400 LBJ Freeway Suite 1500	Dallas, TX 75240	S2NE
137	Neujahr, Debbie	P.O. Box 3753	Greenwood Village, CO 80161	34
138	Nitram Enterprises P.O.	Box 3341	Midland, TX 79702	3
139	Noelk, William	403 South Jefferson	San Angelo, TX	3
140	Nueva Seis Limited Partnership	P.O. Box 255	Roswell, NM 88202	3
141	Oak Valley Mineral & Land LP.	P.O. Box 50820	Midland, TX 79710	3
142	OGX Resources, LLC	P.O. Box 2064	Midland, TX 79702	33
143	Osborn, John W.	P.O. Box 419	Tipton, OK 76570	3
144	OXY USA WTP, LLC	5 Greenway Plaza Suite 110	Houston, TX 77046	33
145	Panagopoulos	929 Lee Trevino Blvd	Belen NM 87002	3&34
146	Pardue Limited Company	P.O. Box 2018	Carlsbad, NM 88221	33&34
147	Pearson, Darlene	1107 Oakmont	Hays, KS 67601	3

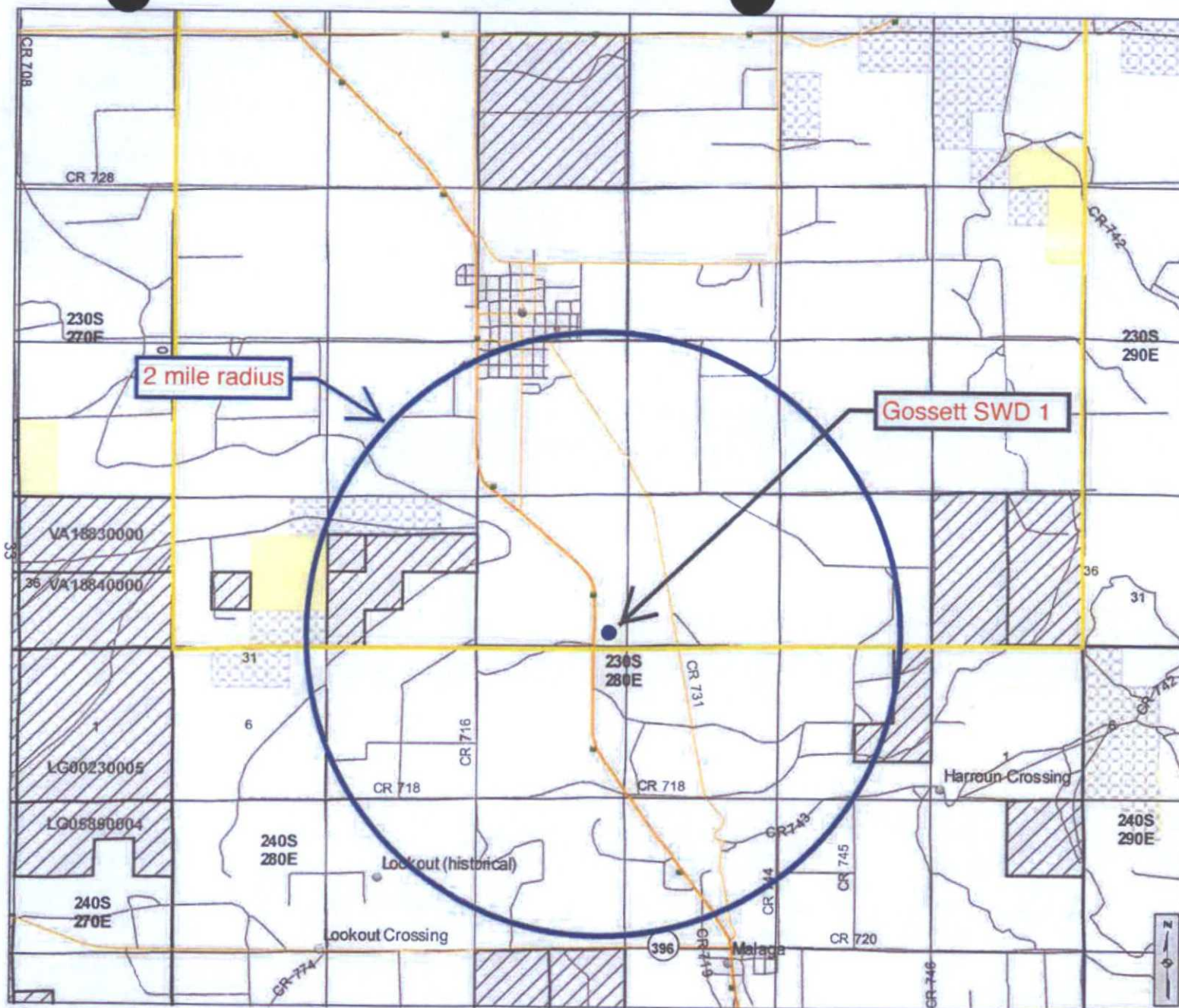
#	NAME	ADDRESS Street	City State Zip	SECTION
148	Pecos Bend Royalties, LP	P.O. Box 2802	Midland, TX 79702	3
149	Peden Family Trust, Peden, Johnathan Jada and Peden, Arlene, Co-Trustees	4681 Diane Ave.	San Diego, CA. 92117	3
150	Peden, Ralph Wilbert ,ssp	2704 Meadow Green	Redford, TX 76021	3
151	Phillips, Kathleen Ann	P.O. Box 11313	Midland, TX 79702	34
152	PJC Limited Partnership	P.O. Box 1713	Roswell, NM 88202	34
153	PJC Limited Partnership	P.O. Box 1713	Roswell, NM 88202-1713	34
154	PJC Revocable Trust	1409 S. Sunset	Roswell, NM 88201	34
155	Polk Land and Minerals, LP	1101 Butternut	Abilene, TX 79602	34
156	Powell, Sue Osborn	899 Hedgewood Dr.	Georgetown, TX 78620	3
157	Ratcliff, Louis M. & Mary Jo Ratcliff, Mary Jo, H&W	8 Firwood Ct.	The Hills, TX 78738	3
158	Ratliff, Louis M., Jr.	216 East 21st Street	Littlefield, TX 79339	3
159	Realeza Del Spear, LP.	929 Lee Trevino Blvd	Belen NM 87002	34
160	Realeza Del Spear, LP.	P.O. Box 1684	Midland, TX 79720	3
161	Redford, Virginia, a widow, sole heir of Redford, Larry, decd	1413 Warwick Street	Garland, TX 75044	3
162	Rees, T.L. & Rees, Margaret D.	P.O. 1007	Colorado City, TX 79512	3&34
163	Reese, Tim Elevation Resources	200 N. Loraine, Suite 1010	Midland, TX 7970	3
164	Reynolds Natural Resources (GP), LLC	420 Throckmorton Street Suite 630	Fort Worth, TX 76102	34
165	Reynolds, Fred N. and Reynolds, Michele	3912 Monticello Drive	Fort Worth, TX 76107	34
166	Rhodes, Martha Jane Alexander	P.O. Box 58	Abilene, TX 79604	34
167	Richardson, George	4288 American Legion Rd.	Abbeville, Georgia, 31001-5451	3
168	Richardson, Harry J.	13363 E. Asbury Dr. #104	Aurora, CO 80610	3
169	Richardson, Linda	13363 E. Asbury Dr. #104	Aurora, CO 80610	3
170	Richardson, Robert D.	13363 E. Asbury Dr. #104	Aurora, CO 80610	3
171	R-N Limited Partnership	3755 East Grand Plains Road	Roswell, NM 88201	34
172	Robinette, Lawrence W.	8023 South 88th E. Avenue	Tulsa, OK 74133	34
173	Roden Associates, Ltd.	2603 Augusta Drive Suite 740	Houston, TX 77057	34
174	Roden Oil Company	P.O. Box 10909	Midland, TX 79702	34

#	NAME	ADDRESS Street	City State Zip	SECTION
175	Roden Participants, Ltd.	2603 Augusta Drive Suite 740	Houston, TX 77057	34
176	Roden, Sean Kevin	P.O. Box 10909	Midland, TX 79702	34
177	Rogers, Charlene	8571 E. Buckhorn Lane	Rogersville MO 65742-7314	3
178	Rogers, Ronald	19955 Indian Summer Lane	Monument, CO 80132	3
179	Roper, Jack N., Jr.	4538 Cedarbrush	Dallas, TX 75229-2903	3
180	Ross Duncan Properties, LLC	P.O. Box 647	Artesia, NM 88211	33
181	Rothen, Rebeca Ann and Major, Albert, Co-Trustees of the John Charles Major Trust uwo John Charles Major, dec'd	P.O. Box 133	Villa Grove CO, 81155	3
182	RSE Partners-I, L.P.	3141 Hood Street Suite 350	Dallas, TX 75219	34
183	Ruiz, Hervey C., aka, John Erby	P.O. Box 111	Malaga, NM 88263	3
184	Ruiz, Jaime, Administrator for the Estate of Juan G. Ruiz	2217 Alton Street	Selma, CA 93662	3
185	Ruiz, John Bill	P.O. Box 161	Sultana, CA 93666	3
186	Russell, Lana	P.O. Box 303424	Austin, TX 78703	34
187	S.P. Johnson, III and Barbara Jo Johnson Trust	P.O. Box 1614	Roswell, NM 88202	34
188	Sapphire Royalties, Inc.	P.O. Box 682	Midland, TX 79702	34
189	Sasse, Joyce Anne	2500 Longview Dr.	Columbia, MD 65203	3
190	Sawey, Charles M., Sr., dec'd		Clovis, NM	3
191	Sawey, Charles M.		Clovis, NM	3
192	Schmidt, Kathy	P.O. Box 2318	Edmond, OK 73083	34
193	Spencer, Angela Essman	P.O. Box 7501	Midland, TX 79702	34
194	Spiral, Inc.	P.O. Box 1933	Roswell, NM 88202-1983	3
195	Stamps, Patricia Gae	P.O. Box 249	Panhandle, TX 79068	3
196	Stanico Energy Corporation	P.O. Box 32467	Oklahoma City, OK 73123	3
197	Stribling, George	61 Avameda Del Sol	Cedar Crest, NM 87008	3&34
198	Stribling, George O.	6818 Academy Parkway West NE	Albuquerque, NM 87109-4406	3&34
199	Stribling, John	520 Ranchitos Rd.	Los Ranchos de Albuquerque, NM 87114	3

#	NAME	ADDRESS Street	City State Zip	SECTION
200	Stribling, John D.	6818 Academy Parkway West NE	Albuquerque, NM 87109	34
201	Stribling, Salem	6818 Academy Parkway West NE	Albuquerque, NM 87109	34
202	Stribling, Steve	110 Coronado Rd.	Corrales, NM 87048	3&34
203	Swearingen, Anna Pauline	212 Cedar St	Concordia, KS 66901	3
204	Swearingen, Barbara J. & Swearingen, Kim, Trustees of the Barbara J. Swearingen Trust UTA dtd 8/13/1999	2535 Stoneport Lane	Salina, KS 67401	3
205	Swearingen, Evalyn	1250 North 50th Rd.	Jamestown, KS 66948	3
206	Swearingen, Glen A. & Swearingen, Barbara J. or substitute Trustees of the Glen A. Swearingen Trust, dtd 4/13/1999	2535 Stoneport Lane	Salina, KS 67401	3
207	Swearingen, Grant A.	209 Ashley Park	Wichita, KS 67209	3
208	Swearingen, Richard Allen	3444 NE Happy Hollow Rd.	Topeka, KS 66617	3
209	Sylvite Corporation	3421 E. 87th Place	Tulsa, OK 74137	34
210	The Beveridge Company	P.O. Box 993	Midland, TX 79702	3&34
211	The Covert Trust	P.O. Box 22294	Denver, CO 80222-0294	34
212	The Est. of Gregory, Bonnie Ruth dec'd By Irma J. Gregory, Personal Representative, of the Estate of Gregory, Bonnie Ruth, dec'd	14 Cork St.	Alva, FL 33920	3
213	The Estate of Gregory, Bonnie Ruth c/o Gregory, Irma J.	14 Cork St.	Alva, FL 33920	34
214	The Estate of Cella B. Milavec, dec'd, Co-Personal Representatives Milevac, Vincent	P.O. Box 22	Peralta, NM 87042	3
215	The Jack G. Woods Revocable Trust	P.O. Box 1159	Abilene, TX 79604	34
216	The Moran Partnership	P.O. Box 2160	Hobbs NM 88241	3
217	Tholstrup, Helen (Lundblade) c/o Mary Lou Lundblade	3013 West 72nd Street N.	Valley Center, KS 67147-9222	3
218	Thomas B. Stribling, Sr., Trust Stribling Law Firm	P.O. Box 3100	Albuquerque, NM 87190	34

#	NAME	ADDRESS Street	City State Zip	SECTION
219	Thomas Luke Stribling Trust	75 Circle Drive NE	Albuquerque, NM 87122	34
220	Turney, J.M.	3529 Rashti Court	Fort Worth, TX 76109-4510	3
221	University of Texas Board of Regents, fbo University of Texas Southwestern Medical School	Ashbel Smith Hall, Suite 820 201 West 7th Street	Austin, TX 78701	3
222	Vandaveer, M.D. & Vandaveer, Lois H&W	12104 S. E. 84th Terrace Rd.	Bellview, Florida, 34420	3
223	Vasquez, Guadalupe M. and Vasquez, Ysabel D.	P.O. Box 1253	Loving, NM 88256	3
224	Vasquez, Guadalupe M. and Vasquez, Ysabel H&W	1846 Pecos Hwy #1	Loving, NM 88256	3
225	W.B. Robbins, III for RSG Trust	P.O. Box 10428	Midland, TX 79702	34
226	Ward, Bonnie	4400 N. Holliday Hill Rd #21F	Midland, TX 79707	3
227	Ward, Deborah H.	1000 W. Louisiana	Midland, TX 79701	3
228	Watt, Edna Mae	400 Holland Dr.	West Sacramento, CA 95605-2009	3
229	Webber, Loma Hopkins Trustee fbo Jane Hopkins Revocable Intervivos Trust UTA 3/28/2000	24476 Chamalea	Mission Viejo, CA 92691	3
230	Wells, Charlotte E. & Bumpus, Kaiulane L., Joint Tenants	10546 Recreational Rd. 225	EastBurkeville, TX 75932	3
231	Westway Petro Joint Venture	4514 Cole Avenue Suite 1005	Dallas, TX 75205	34
232	White, Terry A. and White, Carla K., Trustees	1302 West Third Street	Chamute, KS 66720	3
233	Williams, Belinda aka Rains, Belinda	13260 W. 42nd Street	Odessa TX 79764	3
234	Williams, Doris S.	1323 Willow Lane	Farmersville, TX 75442	3
235	Williams, Doris S., Trustee of the Williams Living Trust, dtd 3- 18-2008	P.O. Box 1021	Princeton, TX 75407	3
236	Williams, Glen Brady	3166 County Line Road	Mountain Grove, MO 65711	3
237	Williams, James	743 North Oak Street	Kermit, TX 79745	3
238	Williams, James W.	7985 Hwy 38	Mountain Grove, MO 65711	3
239	Williams, Linda Sue aka Harris, Linda	33801 S. Seas Drive	Denham Springs, LA. 70726	3
240	Williams, Linville and Williams, Shirley, Husband and Wife	1236 E. Fairfield	Mesa, AZ 85203	3
241	Williams, Margaret N., widow of Williams, Stephen Frank, Jr., dec'd	536 Rose Branch Dr.	Lavernia, TX 78121	3
242	Williams, Nora	Rt. 6, Box 1965	Odessa, TX 79763	3
243	Williams, Terry	P.O. Box 1160	Roswell, NM 88202-1180	3

#	NAME	ADDRESS Street	City State Zip	SECTION
244	Witt, James S., III & Witt, Ina L. Husband and Wife	P.O. Box 2282	Carlsbad, NM 88221	3
245	Word B. Wilson Investments, LP	110 W. Louisiana, Suite 200	Midland, TX 79701	3
246	Xplor Resources, LLC	1104 N. Shore	Carlsbad, NM 88220	33
247	ZIA Royalty, LLC	P.O. Box 2160	Hobbs, NM 88241	3&34



Cartographic Features

- County Boundaries
- County Seats
- City, Town or Village
- SLO District Offices
- SLO District Boundary
- Hwy Mileposts
- Interstate
- US Hwy
- NM Hwy
- Local Road
- Continental Divide

Federal Minerals Ownership

- All Minerals
- Coal Only
- Oil and Gas Only
- Oil, Gas and Coal Only
- Other Minerals

State Trust Lands

- Surface Estate
- Subsurface Estate
- Surface and Subsurface Estate

State Leases

- Oil and Gas Leases
- Agricultural Leases
- Commercial Leases
- Minerals Leases
- Not Available for Oil and Gas Leasing
- Oil and Gas Leasing Influenced by Restriction

Oil and Gas Related Features

- Oil and Gas Unit Boundary
- Participating Areas in Units
- Geologic Regions
- Volcanic Vents
- NMOC'D Order R-111-P
- Potash Enclave Outline

NMOC'D Oil and Gas Wells

- CO₂
- Gas
- Injection
- Miscellaneous
- Oil
- Salt Water Disposal
- Water
- DA or PA

New Mexico State Land Office

Oil, Gas and Minerals

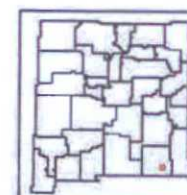
0 0.25 0.5 1 1.5 2 Miles
 Universal Transverse Mercator Projection, Zone 13
 1983 North American Datum

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Land Office Geographic Information Center
 logic@slo.state.nm.us

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EXHIBIT E



www.nmstatelands.org

WELL	SPUD	TD	POOL	WELL TYPE	HOLE O.D.	CASING O.D.	SET @	CEMENT	TOC	HOW DETERMINED
Witt 001	9/29/91	6300	East Loving Delaware	P & A	12.25	8.625	530	450 sx	120	no report
30-015-26798					7.875	5.5	6299	740 sx	GL	calculated
P-33-23s-28e										
Pardue Farms 001	12/20/80	13,000	Morrow	P & A	17.5	13.375	518	530 sx	GL	circ 100 sx to surf
30-015-23586					12.25	9.625	2480	2000 sx	GL	circ 500 sx to surf
O-33-23s-28e					8.5	7	11,008	1200 sx	5000	estimated
					6.125	4.5	13,000	350 sx	10,696	no report
Yardbirds 34 MD Fee 002H	no spud yet	plan 12,785	Culebra Bluff; Bone Spring, South	plan Oil	17.5	13.375	300	350 sx	GL	plan to circulate
30-015-41308					12.25	9.625	2500	575 sx	GL	plan to circulate
M-34-23s-28e					8.75	7	8500	725 sx	2300	estimated
Higgins 33 001H	10/10/08	10,916	Culebra Bluff; Bone Spring, South	Oil	17.5	13.375	515	450 sx	unknown	no report
30-015-36645					12.25	9.625	2500	800 sx	unknown	no report
I-33-23s-28e					7.875	5.5	10,816	2250 sx	unknown	no report
Vasquez 4 Com 001	10/21/80	13,000	West Malaga	P & A	17.5	13.375	535	450 sx	GL	circulated 50 sx
30-015-23497					12.25	9.625	2478	2600 sx	680	temp survey
H-4-24s-28e					8.5	7	10,996	1200 sx	unknown	no report
					6.125	4.5	12,997	350 sx	10,725	no report
Fate 34 001	7/24/81	12,355	Loving; Brushy Canyon, East	Gas	20	16	403	420 sx	GL	circulated 50 sx
30-015-23879					14.75	10.75	2430	2800 sx	GL	circulated 350 sx
N-34-23s-28e					9.5	7.625	9890	2350 sx	1500	temp survey

WELL	SPUD	TD	POOL	WELL TYPE	HOLE O.D.	CASING O.D.	SET @	CEMENT	TOC	HOW DETERMINED
Witt 001	9/29/91	6300	East Loving Delaware	P & A	12.25	8.625	530	450 sx	GL	top job
30-015-26798					7.875	5.5	6299	740 sx	GL	calculated
P-33-23s-28e										
Pardue Farms 001	12/20/80	13,000	Morrow	P & A	17.5	13.375	518	530 sx	GL	circ 100 sx to surf
30-015-23586					12.25	9.625	2480	2000 sx	GL	circ 500 sx to surf
O-33-23s-28e					8.5	7	11,008	1200 sx	5000	estimated
					6.125	4.5	13,000	350 sx	10,696	no report
Yardbirds 34 MD Fee 002H	no spud yet	plan 12,785	Culebra Bluff; Bone Spring, South	plan Oil	17.5	13.375	300	350 sx	GL	plan to circulate
30-015-41308					12.25	9.625	2500	575 sx	GL	plan to circulate
M-34-23s-28e					8.75	7	8500	725 sx	2300	estimated
Higgins 33 001H	10/10/08	10,916	Culebra Bluff; Bone Spring, South	Oil	17.5	13.375	515	450 sx	GL	circulated
30-015-36645					12.25	9.625	2500	800 sx	unknown	no report
I-33-23s-28e					7.875	5.5	10,816	2250 sx	unknown	no report
Vasquez 4 Com 001	10/21/80	13,000	West Malaga	P & A	17.5	13.375	535	450 sx	GL	circulated 50 sx
30-015-23497					12.25	9.625	2478	2600 sx	680	temp survey
H-4-24s-28e					8.5	7	10,996	1200 sx	unknown	no report
					6.125	4.5	12,997	350 sx	10,725	no report
Fate 34 001	7/24/81	12,355	Loving; Brushy Canyon, East	Oil	20	16	403	420 sx	GL	circulated 50 sx
30-015-23879					14.75	10.75	2430	2800 sx	GL	circulated 350 sx
N-34-23s-28e					9.5	7.625	9890	2350 sx	1500	temp survey

Southwest Royalties'
Witt 1
API 30-015-26798
560 FSL & 560 FEL 33-23s-28e
Spud 9-29-91 and Plug 10-9-03

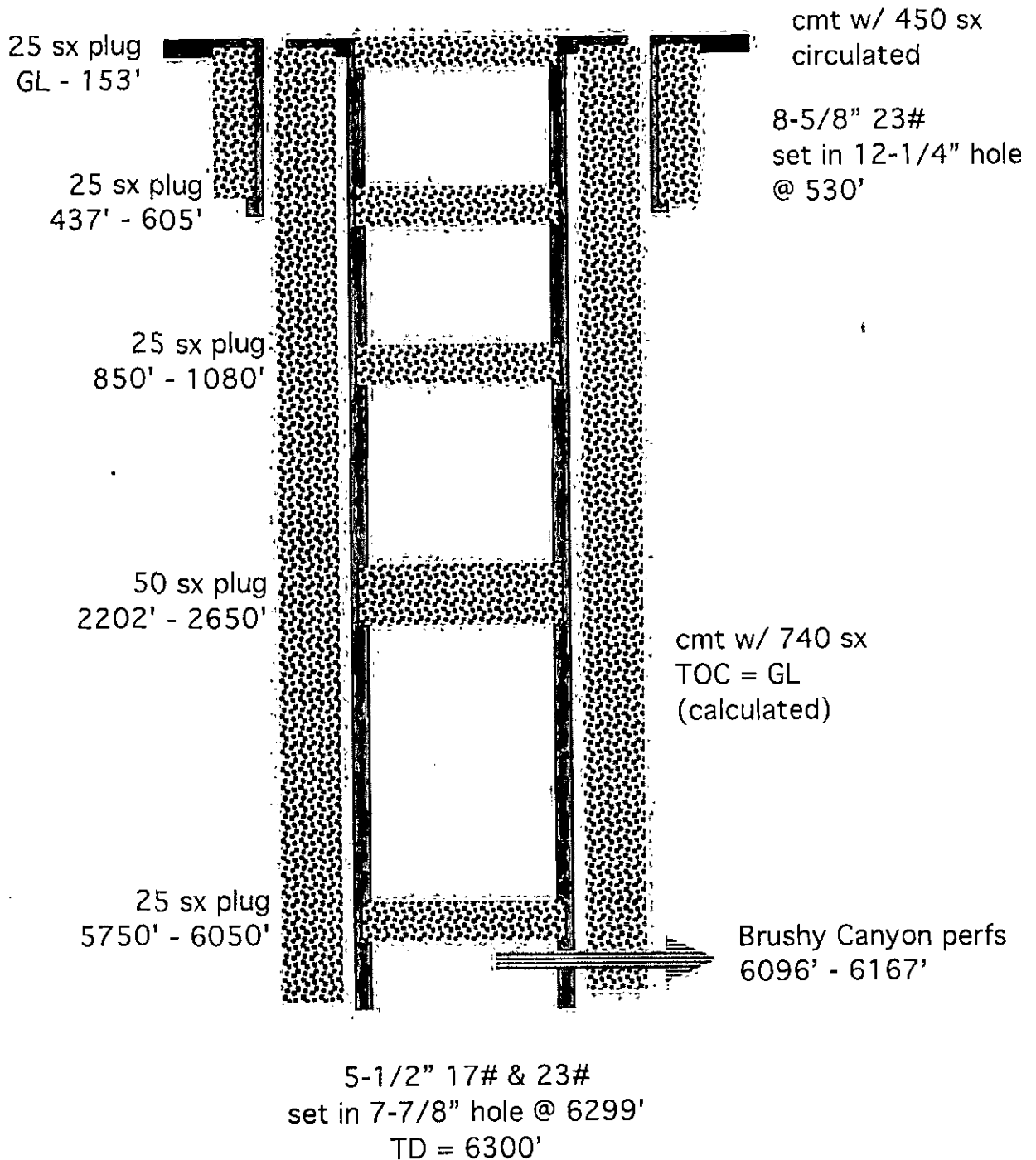


EXHIBIT F

(not to scale)

HNG Oil Company's and Manzano Oil Corporation's
Pardue Farms 1
API 30-015-23586
660 FSL & 1980 FEL 33-23s-28e
HNG: Spud 12-20-80 and Plug 7-22-82
Manzano: Spud 8-9-94 and Plug: 8-18-94

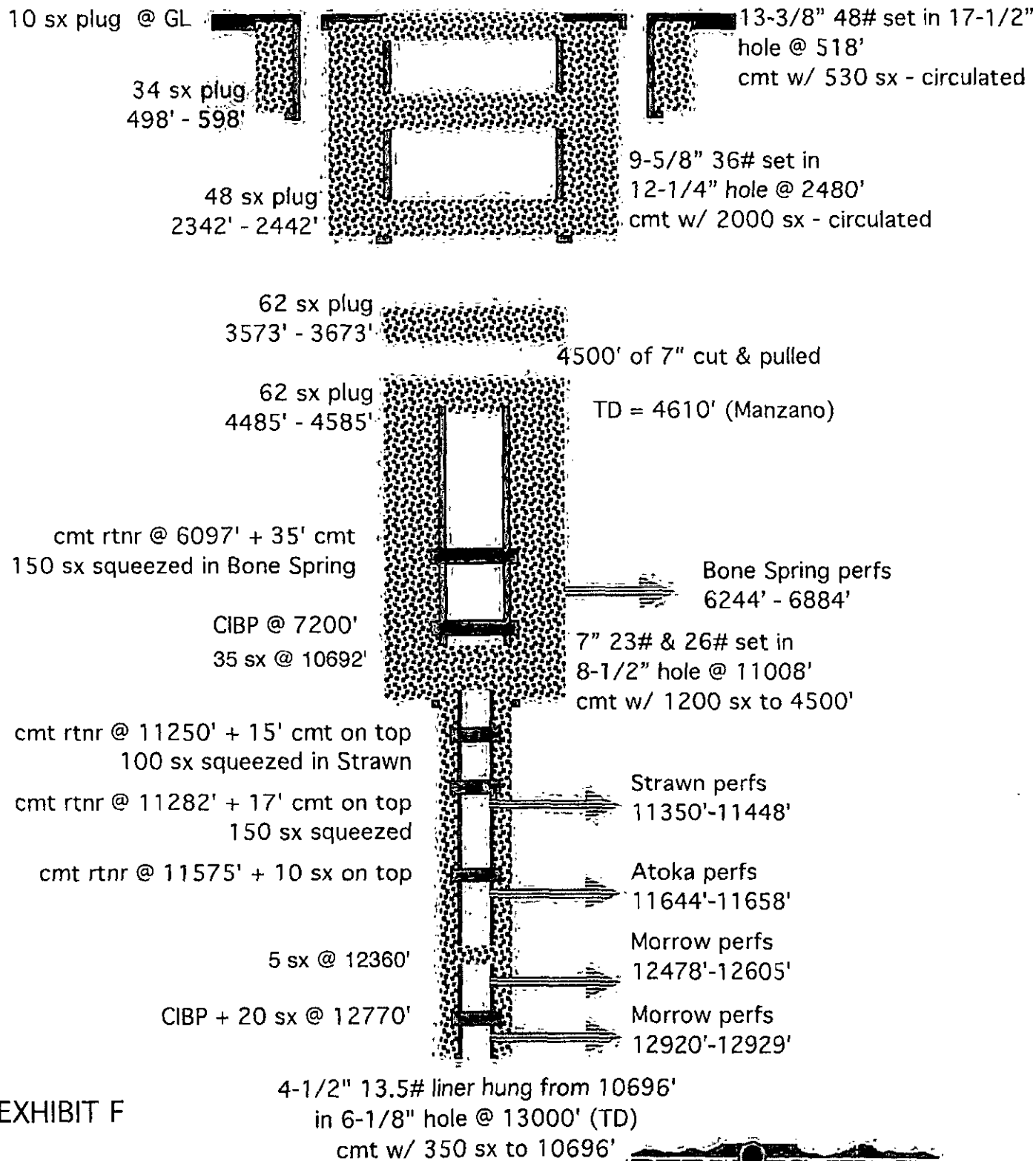


EXHIBIT F

(not to scale)

HNG Oil Company's
 Vasquez 4 Com 1
 API 30-015-23497
 1980 FNL & 870 FEL 4-24s-28e
 Spud 10-21-80 and Plug 7-20-85

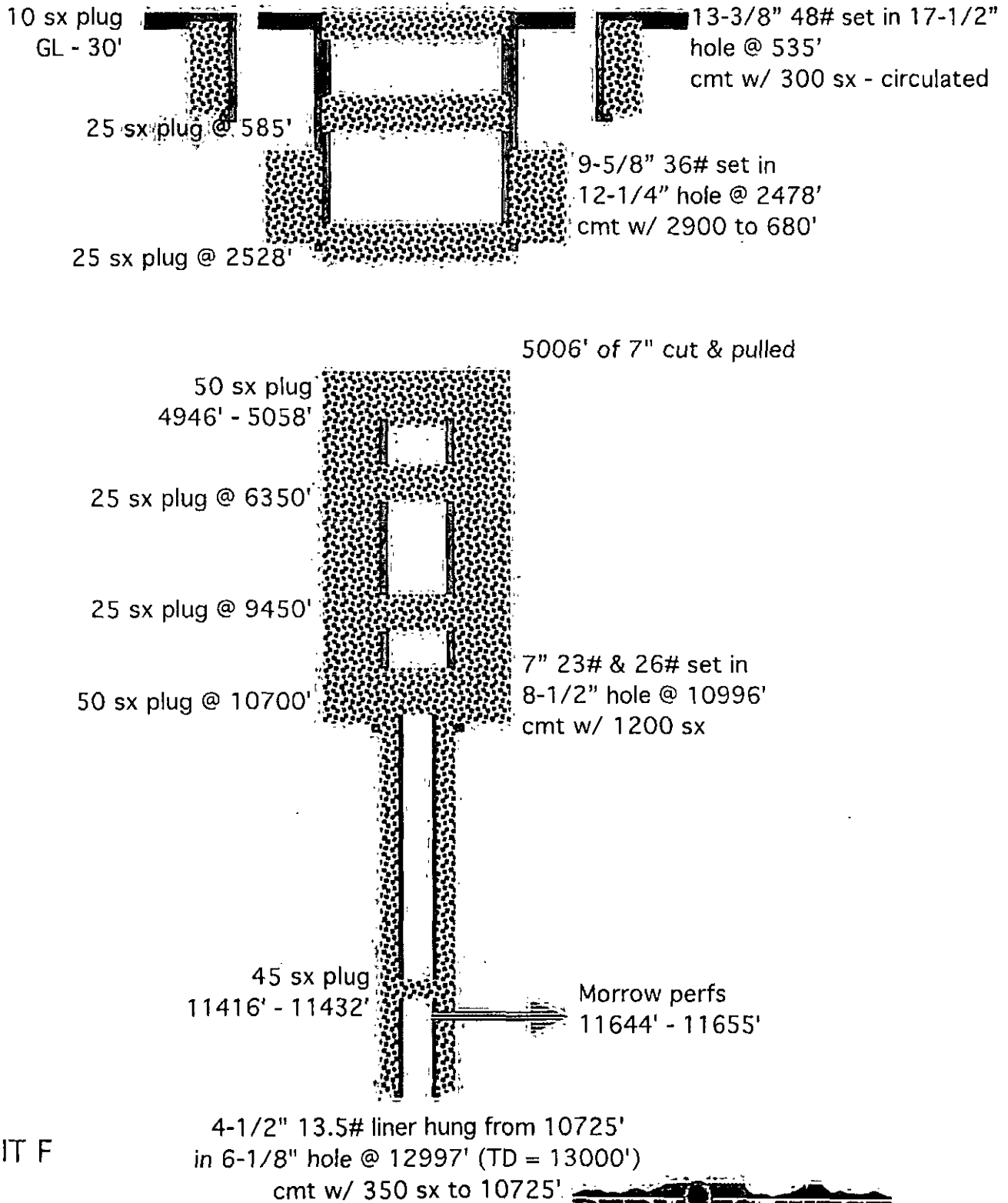


EXHIBIT F

(not to scale)

Avalon water
from 30-025-39902

Analytical Laboratory Report for:
**MEWBOURNE OIL
COMPANY**

Account Representative:
Mossman, Willis

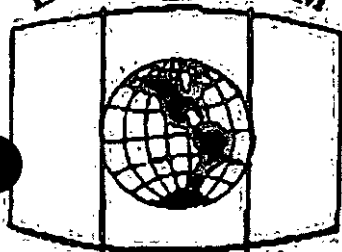


Production Water Analysis

Listed below please find water analysis report from: Red Hills 8 Federal, 1H

Lab Test Number	Sample Date
2011111303	05/03/2011
[]	
Specific Gravity:	1.114
TDS:	174641
pH:	6.70
Cations:	mg/L as:
Calcium	2490 (Ca ⁺⁺)
Magnesium	730 (Mg ⁺⁺)
Sodium	61500 (Na ⁺)
Iron	110.00 (Fe ⁺⁺)
Potassium	1438.0 (K ⁺)
Barium	0.90 (Ba ⁺⁺)
Strontium	205.00 (Sr ⁺⁺)
Manganese	1.08 (Mn ⁺⁺)
Anions:	mg/L as:
Bicarbonate	2416 (HCO ₃ ⁻)
Sulfate	1750 (SO ₄ ⁼)
Chloride	104000 (Cl ⁻)
Gases:	
Carbon Dioxide	270 (CO ₂)
Hydrogen Sulfide	0.0 (H ₂ S)

EXHIBIT G



P. O. BOX 668
HOBBS, NEW MEXICO 88240
(505) 393-1917

Bell Canyon water
from 30-025-24916
& SWD-578

WATER ANALYSIS REPORT

Company: Strata Production Date: 11-22-94
Lease: Papa Gyo ← aka, Papagayo Date Sampled: 11-15-94
Well: Fed. #1 Analysis No: E112
Sample Point: Wellhead

	ANALYSIS		mg/L	meq/L
1.	pH	5.8		
2.	Specific Gravity	1.220		
	DISSOLVED GASSES			
3.	H ₂ S	6.0 PPM		
4.	Dissolved Oxygen	N/A		
5.	Dissolved CO ₂	576.0 PPM		
	CATIONS			
6.	Calcium	Ca	31262.4	1560.0
7.	Magnesium (calculated)	Mg	5080.8	418.0
8.	Sodium (calculated)	Na	92544.7	4025.4
	ANIONS			
9.	Methyl Orange Alkalinity	CaCO ₃	171.0	
10.	Bicarbonate	HCO ₃	208.6	3.4
11.	Chloride	Cl	212552.9	5995.8
12.	Sulfate	SO ₄	200.0	4.2
13.	Total Dissolved Solids		341883.4	
14.	Total Hardness	CaCO ₃	98989.0	
15.	Total Iron	Fe	34.0	

PROBABLE MINERAL COMPOSITION

Compound	Equiv wt	X	meq/L	=	mg/L
Ca(HCO ₃) ₂	81.0		3.4	=	277
CaSO ₄	68.1		4.2	=	283
CaCl ₂	55.5		1552.4	=	86144
MgCl ₂	47.6		418.0	=	19899
NaCl	58.4		4025.4	=	235246

SCALE TENDENCY REPORT

Calcium Carbonate Scaling Tendency

S.I. = at 80 degrees F S.I. = at 100 degrees F
S.I. = at 120 degrees F S.I. = at 140 degrees F

Calcium Sulfate Scaling Tendency

S. = at 80 degrees F S. = at 100 degrees F
S. = at 120 degrees F S. = at 140 degrees F

Calculation for MPY loss: 24.0 MPY

REMARKS: Don Canada / Copy / File Scaling Tendencies out of calculation range.

EXHIBIT G

Bone Spring Water
 from 30-015-38246
 (via 30-015-41401)

Bone Spring												
Lab Test #	Lease	Location	Salesman	Date Out	Sample Date	Specific Gravity	Ionic Strength	TDS	pH	conductivity	Ca (mg/L)	Mg (mg/L)
2012108003	Boyles	24 tH	William D Polk	4/18/2012	4/3/2012	1.13	3.41	206441.81	8.89		3700.66	841.87

Bone Spring water
from 30-015-38246

TH (CaCO ₃)	Na (mg/L)	K (mg/L)	Zn (mg/L)	Fe (mg/L)	Ba (mg/L)	Sr (mg/L)	Mn (mg/L)	Resistivity	HCO ₃ (mg/L)	CO ₃ (mg/L)	OH (mg/L)	SO ₄ (mg/L)	Cl (mg/L)	CO ₂ (mg/L)	H ₂ S (mg/L)
13271.35	69386.15	1109.30	0.00	17.57	0.00	483.07	0.00		1403.00	0.00		700.00	128800.00	400.00	0.00

Laboratory Services, Inc.

4016 Fiesta Drive
Hobbs, New Mexico 88240
Telephone: (505) 397-3713

Wolfcamp water
from 30-025-34580

Water Analysis

COMPANY Santa Fe Snyder

SAMPLE Thistle #5

SAMPLED BY R. Hicks-Pro Well

DATE TAKEN 2/23/00 7:00 am

REMARKS

Barium as Ba	0
Carbonate alkalinity PPM	0
Bicarbonate alkalinity PPM	704
pH at Lab	6.7
Specific Gravity @ 60°F	1.09
Magnesium as Mg	14,500
Total Hardness as CaCO ₃	25,000
Chlorides as Cl	78,366
Sulfate as SO ₄	1,350
Iron as Fe	212.5
Potassium	43.8
Hydrogen Sulfide	0
Res	0.092
Total Dissolved Solids	105,950
Calcium as Ca	10,500
Nitrate	187

@ 34° C

Results reported as Parts per Million unless stated

Langelier Saturation Index 1.58

Analysis by: Vickie Walker
Date: 2/23/00

EXHIBIT G



New Mexico Office of the State Engineer

Water Column/Average Depth to Water

CLW##### in the
POD suffix indicates the
POD has been replaced
& no longer serves a
water right file.)

(R=POD has
been replaced,
O=orphaned,
C=the file is
closed)

(quarters are 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest)

(NAD83 UTM in meters)

(In feet)

POD Number	POD Sub-Code	basin	County	64	16	4	Sec	Tws	Rng	X	Y	Distance	Depth Well	Depth Water	Water Column
C 01240	C	ED		1	3	34	23S	28E		586494	3569592*	703	125	25	100
C 02306	C	ED		3	2	04	24S	28E		585690	3568382*	768	75	25	50
C 00573		ED		2	2	4	04	24S	28E	586188	3568087*	1007	250	35	215
C 01232	C	ED		2	3	1	34	23S	28E	586592	3570095*	1169	150		
C 00481	C	ED		3	2	1	33	23S	28E	585182	3570283*	1462	225	190	35
C 01731	C	ED		4	2	05	24S	28E		584483	3568367*	1687	80	30	50
C 00318	C	ED		2	4	4	34	23S	28E	587811	3569298*	1811	150		
C 00570	C	ED		1	1	10	24S	28E		586490	3567195*	1943	100	28	72
C 01938	C	ED		2	4	28	23S	28E		586085	3571205*	2127	80	3	77
C 01237	C	ED		1	1	2	10	24S	28E	587197	3567298*	2138	123		
C 01442	C	ED		1	2	10	24S	28E		587298	3567199*	2277	100		
C 01472	C	ED		2	3	2	28	23S	28E	585730	3571652	2589	162	10	152
C 00511	C	ED		2	3	02	24S	28E		588518	3568001*	2727	268	140	128
C 00764		ED		3	1	3	10	24S	28E	586399	3566292*	2813	118	25	93
C 00340	C	ED		1	1	27	23S	28E		586483	3572022*	2980	117	18	99
C 00108	C	ED		1	1	4	29	23S	28E	583974	3571285*	3003	152	10	142
C 00962	C	ED		3	3	10	24S	28E		586505	3565992*	3125	63	9	54
C 02186	C	ED		2	02	24S	28E			589128	3568606*	3150	100	55	45
C 01648	C	ED		2	3	29	23S	28E		583667	3571184*	3151	65	15	50
C 02037	C	ED		2	3	29	23S	28E		583667	3571184*	3151	260		
C 00519	C	ED		2	1	1	28	23S	28E	584970	3572100*	3195	250		
C 00641	C	ED		2	2	1	27	23S	28E	586986	3572126*	3198	115	40	75

1 mile = 1610 meters

EXHIBIT H

UTM location was derived from PLSS - see Help

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

Average Depth to Water: 41 feet

Minimum Depth: 3 feet

Maximum Depth: 190 feet

Record Count: 22

UTMNAD83 Radius Search (in meters):

Easting (X): 586013

Northing (Y): 3569079

Radius: 3220

3220 meters = 2.00 miles

EXHIBIT H



Hall Environmental Analysis Laboratory, Inc.

CLIENT: Permits West

Client Sample ID: Gossett SWD NW 34

Project: HRW Gossett SWD

Collection Date: 10/16/2014 2:10:00 PM

Lab ID: 1410922-001

Matrix: AQUEOUS

Received Date: 10/20/2014 1:46:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: LGP
Chloride	380	50	*	mg/L	100	10/21/2014 3:26:59 AM	R22034
EPA METHOD 1664A							Analyst: MRA
N-Hexane Extractable Material	ND	5.3		mg/L	1	10/28/2014	16104
SM2540C MOD: TOTAL DISSOLVED SOLIDS							Analyst: KS
Total Dissolved Solids	1900	20.0	*	mg/L	1	10/23/2014 9:16:00 PM	16028

EXHIBIT I

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
	O	RSD is greater than RSDlimit	P	Sample pH greater than 2.
	R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
	S	Spike Recovery outside accepted recovery limits		

Analytical Report

Lab Order 1410922

Date Reported: 11/3/2014

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Permits West

Client Sample ID: Gossett SWD NE 5

Project: HRW Gossett SWD

Collection Date: 10/16/2014 3:41:00 PM

Lab ID: 1410922-002

Matrix: AQUEOUS

Received Date: 10/20/2014 1:46:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: LGP
Chloride	380	50	*	mg/L	100	10/21/2014 3:39:24 AM	R22034
EPA METHOD 1664A							Analyst: MRA
N-Hexane Extractable Material	6.0	5.2		mg/L	1	10/28/2014	16104
SM2540C MOD: TOTAL DISSOLVED SOLIDS							Analyst: KS
Total Dissolved Solids	1920	20.0	*	mg/L	1	10/23/2014 9:16:00 PM	16028

EXHIBIT I

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
	O	RSD is greater than RSDlimit	P	Sample pH greater than 2.
	R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
	S	Spike Recovery outside accepted recovery limits		

Page 2 of 5

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1410922

03-Nov-14

t: Permits West
Project: HRW Gossett SWD

Sample ID	MB-16104	SampType:	MBLK	TestCode:	EPA Method 1664A					
Client ID:	PBW	Batch ID:	16104	RunNo:	22213					
Prep Date:	10/27/2014	Analysis Date:	10/28/2014	SeqNo:	654350	Units:	mg/L			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
N-Hexane Extractable Material	ND	5.0								

Sample ID	LCS-16104	SampType:	LCS	TestCode:	EPA Method 1664A					
Client ID:	LCSW	Batch ID:	16104	RunNo:	22213					
Prep Date:	10/27/2014	Analysis Date:	10/28/2014	SeqNo:	654351	Units:	mg/L			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
N-Hexane Extractable Material	34	5.0	40.00	0	85.7	78	114			

EXHIBIT I

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- Value above quantitation range
- Analyte detected below quantitation limits
- O RSD is greater than RSDlimit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- P Sample pH greater than 2.
- RL Reporting Detection Limit

Page 3 of 5

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1410922

03-Nov-14

nt: Permits West
Project: HRW Gossett SWD

Sample ID	MB	SampType	MBLK	TestCode	EPA Method 300.0: Anions					
Client ID	PBW	Batch ID	R22034	RunNo	22034					
Prep Date		Analysis Date	10/20/2014	SeqNo	647760	Units	mg/L			
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit
Chloride		ND	0.50							

Sample ID	LCS-b	SampType	LCS	TestCode	EPA Method 300.0: Anions					
Client ID	LCSW	Batch ID	R22034	RunNo	22034					
Prep Date		Analysis Date	10/20/2014	SeqNo	647762	Units	mg/L			
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit
Chloride		4.7	0.50	5.000	0	94.9	90	110		

EXHIBIT I

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- Value above quantitation range
- Analyte detected below quantitation limits
- O RSD is greater than RSDlimit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- P Sample pH greater than 2.
- RL Reporting Detection Limit

Page 4 of 5

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1410922

03-Nov-14

Client: Permits West
Project: HRW Gossett SWD

Sample ID	MB-16028	SampType:	MBLK	TestCode:	SM2540C MOD: Total Dissolved Solids					
Client ID:	PBW	Batch ID:	16028	RunNo:	22109					
Prep Date:	10/22/2014	Analysis Date:	10/23/2014	SeqNo:	650358	Units:	mg/L			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Total Dissolved Solids	ND	20.0								

Sample ID	LCS-16028	SampType:	LCS	TestCode:	SM2540C MOD: Total Dissolved Solids					
Client ID:	LCSW	Batch ID:	16028	RunNo:	22109					
Prep Date:	10/22/2014	Analysis Date:	10/23/2014	SeqNo:	650359	Units:	mg/L			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Total Dissolved Solids	1030	20.0	1000	0	103	80	120			

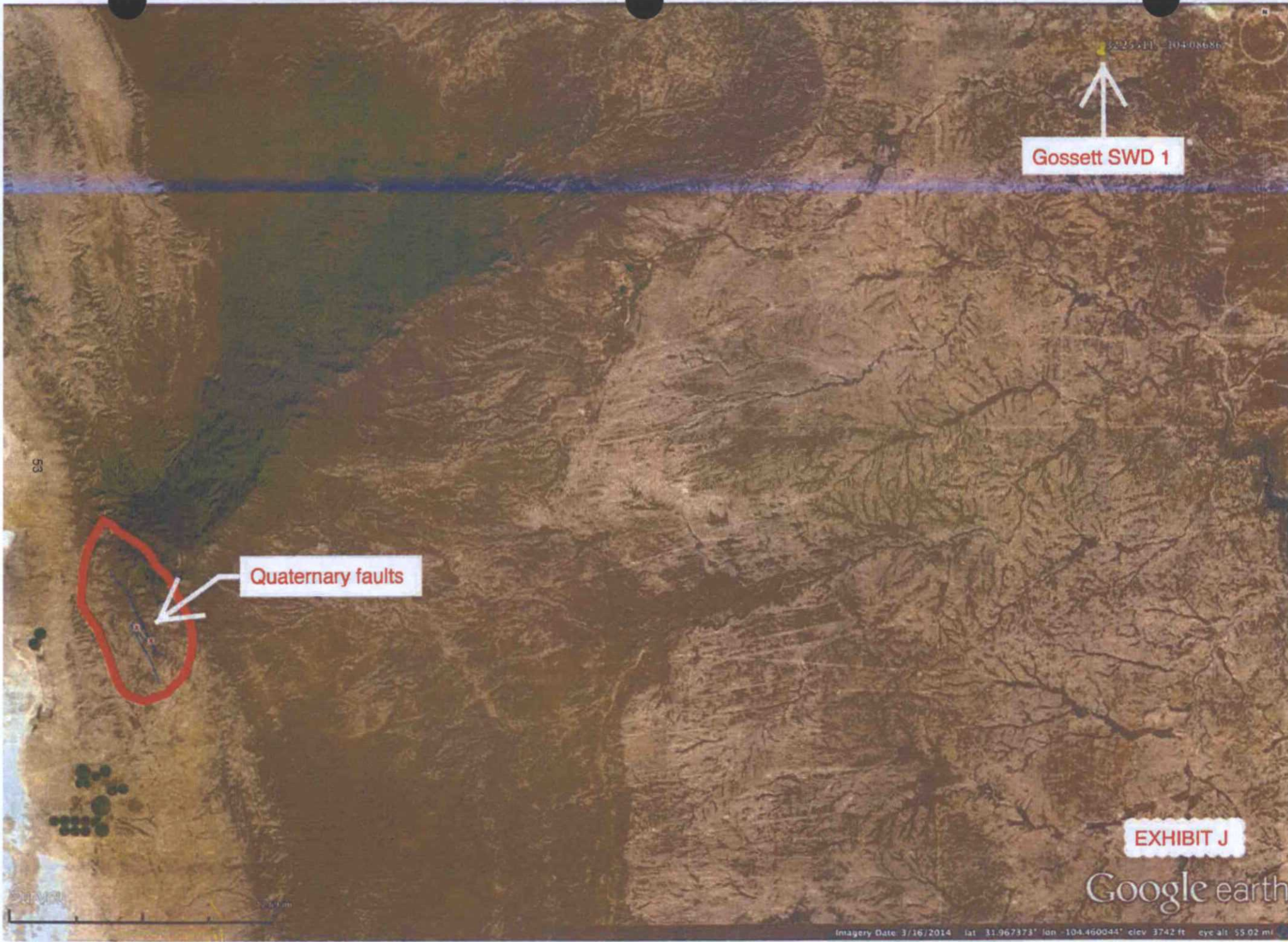
EXHIBIT I

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- Value above quantitation range
- Analyte detected below quantitation limits
- O RSD is greater than RSDlimit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- P Sample pH greater than 2.
- RL Reporting Detection Limit

Page 5 of 5



32.2511 -104.0866

Gossett SWD 1

Quaternary faults

EXHIBIT J

Google earth

Imagery Date: 3/16/2014 lat 31.967373° lon -104.460044° elev 3742 ft eye alt 55.02 mi

Affidavit of Publication

State of New Mexico,
County of Eddy, ss.

Kathy McCarroll, being first duly
sworn, on oath says:

That she is the Classified Supervisor
of the Carlsbad Current-Argus, a
newspaper published daily at the
City of Carlsbad, in said county of
Eddy, state of New Mexico and of
general paid circulation in said
county; that the same is a duly
qualified newspaper under the laws
of the State wherein legal notices
and advertisements may be
published; that the printed notice
attached hereto was published in the
regular and entire edition of said
newspaper and not in supplement
thereof on the date as follows, to wit:

October 4 2014

That the cost of publication is **\$51.42**
and that payment thereof has been
made and will be assessed as court
costs.

Kathy McCarroll

Subscribed and sworn to before me
this 8 day of October,
2014

Cynthia Arredondo

My commission Expires
2/13/17

Notary Public

October 4, 2014

High Roller Wells, L. L.
C. will apply to drill its
Gossett SWD 1 well as
a saltwater disposal
well. The well will be
at 313 FSL & 921 REL
Sec. 33, T. 23 S., R. 28
E., Eddy County and is
2 miles south of Lov-
ing, NM. Disposal will
be into the Bell Can-
yon and Cherry Can-
yon zones from 2500'
to 5500'. Maximum
injection pressure will
be 500 psi. Maximum
disposal rate will be
30,000 bwpd. Inter-
ested parties must file
objections or requests
for hearing with the
NM Oil Conservation
Division, 1220 South
Saint Francis Dr., Santa
Fe, NM 87505 with-
in 15 days. Additional
information can be
obtained by contact-
ing: Brian Wood, Per-
mits West, Inc., 37
Verano Loop, Santa
Fe, NM 87508. Phone
number is (505) 466-
8120.



EXHIBIT K

PERMITS WEST INC.
PROVIDING PERMITS for LAND USERS
37 Verano Loop, Santa Fe, New Mexico 87508 (505) 466-8120

December 18, 2014

Dear Mineral Interest Owner:

High Roller Wells LLC is applying (see attached application) to drill the Gosett SWD 1 well as a saltwater disposal well. As required by NM Oil Conservation Division (NMOCD) rules, I am notifying you of the following proposed saltwater disposal well. This letter is a notice only. No action is needed unless you have questions or objections.

Well Name: Gossett SWD 1 (fee lease) ID = 5,100'

Proposed Injection Zones: Bell Canyon & Cherry Canyon (from 2,500' to 5,000')

Location: 313' FSL & 921' FEL Sec. 33, T. 23 S., R. 28 E., Eddy County, NM

Approximate Location: 2 miles south of Loving, NM

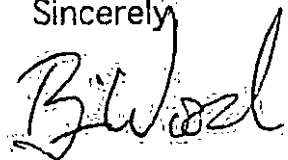
Applicant Name: High Roller Wells LLC (936) 598-5577

Applicant's Address: 1008 Southview Circle, Center TX 75935

Submittal Information: Application for a saltwater disposal well will be filed with the NMOCD. If you have an objection, or wish to request a hearing, then it must be filed with the NMOCD within 15 days of receipt of this letter. The New Mexico Oil Conservation Division address is 1220 South St. Francis Dr. Santa Fe, NM 87505. Their phone number is (505) 476-3440.

Please call me if you have any questions.

Sincerely,



Brian Wood

EXHIBIT L