

DATE <u>12.27.11</u>	SUSPENSE	ENGINEER <u>WVJ</u>	LOGGED IN <u>12.27.11</u>	TYPE <u>SIUD</u>	APP NO. <u>1136144139</u>
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PTGW

4/5/12

ABOVE THIS LINE FOR DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION

- Engineering Bureau -

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



Unified Operating

West Tail B Deep #1

ADMINISTRATIVE APPLICATION CHECKLIST 30-025-25046

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

Reef?

255

36E

RECEIVED OOD

12/17/11

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- [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.

Billy E. Prichard
 Print or Type Name

Billy E. Prichard
 Signature

Agent for Unified Operating, LLC
 Title

12/14/11
 Date

billy@pwllc.net
 e-mail Address

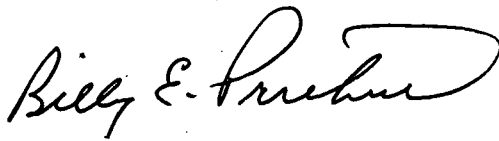
December 19, 2011

Will,

Enclosed are 2 copies of form C108 for Unified Operating, LLC seeking administrative approval of West Jal B Deep # 1 for commercial salt water disposal in the Fusselman. I originally filed for SWD; Yates, Seven Rivers disposal back in August of 2011. Also enclosed is copy of email that I received from the Hobbs Daily News Sun for publication of the legal notice. I will forward Affidavit of Publication as soon as I receive.

Should you need more information or have questions please call or email.

Thanks



Billy(Bill) E. Prichard
Pueblo West Consulting Service
125 Greathouse Village
Decatur, TX 76234
4329347680 cellular or text
9406275449 fax
Email; billy@pwillc.net

RECEIVED OGD
Z61 626 23 P 12:49

[Print](#) | [Close Window](#)**Subject: Re: Legal Notice****From:** bookkeeping <bookkeeping@hobbsnews.com>**Date:** Wed, Dec 14, 2011 3:52 pm**To:** billy@pwllc.net

Your ad has been placed to run in Friday's paper.

Thank you,

Yesenia

On Dec 14, 2011, at 8:46 AM, classifieds wrote:

Begin forwarded message:

From: <billy@pwllc.net>**Date:** December 14, 2011 7:52:46 AM MST**To:** "Notice Legal" <classifieds@hobbsnews.com>**Subject:** Legal Notice

Please find attached legal notice that I need to get published in the Hobbs paper 1 time..Affidavit of Publication and Invoice should be sent to the below address. Please respond to this email communication for verification of delivery.

Thanks

Billy (Bill) E. Prichard
Pueblo West Consulting
125 Greathouse Village
Decatur, TX 76234
432-934-7680 cellular
940-627-5449 fax
email; billy@pwllc.net
www.pwllc.net

Legal Notice

Unified Operating, L.L.C., PO Box 2931, Littleton, Colorado 80161 has filed NMOCD form C108 seeking administrative approval to convert the West Jal B Deep #001,

API # 30-025-25046 located 1980 FNL x 660 FEL, Unit letter "H", Section 17 T2SS, R36E, NMPM, Lea County, New Mexico from a Wolfcamp oil well to a Fusselman commercial salt water disposal well. Disposal fluid would come from producing wells in the area. The disposal interval would be the Fusselman formation through perforations from 16411 feet to 16670 feet. Anticipated disposal rate is 5000-10000 barrels of water per day. Anticipated disposal pressure is expected to be 0 psig with a maximum disposal pressure of 3282 psig.

Well is located 5.3 miles west of Jal, New Mexico

All interested parties opposing the aforementioned must file objections with the New Mexico Oil Conservation Division, 1220 South St. Francis Drive, Santa Fe, New Mexico 87505 within 15 days. Additional information can be obtained by contacting Victoria Hirschfeld

APPLICATION FOR AUTHORIZATION TO INJECT

- I. PURPOSE: _____ Secondary Recovery _____ Pressure Maintenance X Disposal _____ Storage
Application qualifies for administrative approval? X Yes No
- II. OPERATOR: Unified Operating, L.L.C.
ADDRESS: PO Box 2931 Littleton, CO 80161
CONTACT PARTY: Victoria Hirschfeld 720-328-8366
- 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 X 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.).
- *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: Billy E. Prichard TITLE: Agent for Unified Operating
SIGNATURE: Billy E. Prichard DATE: 12/14/11
E-MAIL ADDRESS: billy@pwllc.net
- * 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: _____

Unified Operating, L.L.C.
West Jal B Deep # 1
API # 30-025-25046
1980 FNL X 660 FEL
Unit Letter "H", Section 17, T25S, R36E
Lea County, New Mexico

Page 1

1. The purpose of this application is seeking the administrative approval of the conversion of the West Jal B Deep # 1 from a shut in non productive Wolfcamp oil well to a commercial Fusselman salt water disposal well.
 2. **Operator:** Unified Operating, LLC Ogrid # 281652
Address: P.O.Box 2931 Littleton, Colorado 80161
Contact: Victoria Hirschfeld 720-328-8366
 3. Please see Exhibit "A" for complete well data.
 4. This is NOT an expansion of an existing project.
 5. Please see Exhibit "B" for map of 0.5 mile and 1.0 mile area of review.
 6. There was only one plugged and abandoned well in the area of review. This well did not penetrate the proposed disposal interval. Please see Exhibit "C" for list of wells in area of review and well diagram of plugged and abandoned well in AOR.
 7.
 1. Anticipated average disposal volume of 3000 barrels of water per day with a maximum disposal volume of 10000 barrels of water per day.
 2. This will be an open system.
 3. The average disposal pressure is anticipated to be 0 psig, with a maximum disposal pressure of 3282 psig. $16411 \text{ feet} \times 0.2 = 3282 \text{ psig}$
 4. The source of the disposed fluid would be produced water trucked or brought in by pipeline from numerous producing oil wells in the area. Please see Exhibit "D" for analysis of possible water that could be disposed in the West Jal B Deep # 001.
 5. Please see Exhibit "E" for analysis of Fusselman produced water.
 8. The Fusselman in the West Jal B Deep # 1 is a porous, fractured dolomite
 9. There is no stimulation planned at this time.
-

**Unified Operating, L.L.C.
West Jal B Deep # 1
API # 30-025-25046
1980 FNL X 660 FEL
Unit Letter "H", Section 17, T25S, R36E
Lea County, New Mexico**

Page 2

10. Logs and completion data was submitted by previous operator.
 11. Please see Exhibit "F" for fresh water analysis of a water well in the area.
 12. Geologic and engineering data has been examined and there is no evidence of open faults or any other hydrologic connection between the disposal zone and any underground sources of drinking water.
 13. Please see Exhibit "G" for proof of notify and legal notice to be published in the Hobbs Daily News Sun. Affidavit of Publication will be submitted when received.
 14. Unified Operating, LLC has no other wells in New Mexico.
-

**Unified Operating, L.L.C.
West Jal B Deep # 1
API # 30-025-25046
1980 FNL X 660 FEL
Unit Letter "H", Section 17, T25S, R36E
Lea County, New Mexico**

Well Data

Spud 6/12/1975 as wildcat gas well.

20" 94# casing set at 767 feet in 26" hole, cemented with 1400 sacks Class "C" lite followed by 300 sacks Class "C" with 2% CaCL. Cement circulated to surface.

13 3/8" 68# and 72# casing set at 5210 feet, cemented with 5000 sacks Class "C" poz 3 with additives followed by 300 sacks Class "C". Cement did not circulate. Top of cement at 590 feet by temperature survey.

10 3/4" 60.7# casing set at 11263 feet in 12 1/4" hole with DV tool at 7568 feet. Cemented in 2 stages.

1st Stage – 750 sacks of Howco lite followed by 300 sacks of Class "C" with additives. Cement circulated to DV tool.

2nd Stage – 1800 sacks of Howco lite followed by 100 sacks of Class "H" with additives. Top of cement at 5140 feet by temperature survey.

7 3/4" 46.1# liner was run in 9 1/2" hole from 10917 – 14685 feet, cemented with 1300 sacks of cement. Cement volume sufficient to circulate to top of liner at 10917 feet using slurry volume of 1.18 cubic feet per sack.

Drilled 6 1/2" hole to total depth 18945 feet.

5" 23.8# liner was run in 6 1/2" hole from 14332 – 18930 feet cemented with 750 sacks of cement. Cement volume sufficient to circulate to top of liner at 14332 feet using slurry volume of 1.18 cubic feet per sack.

Perforated Ellenburger 18444-18858 feet

Cast iron bridge plug set at 17100 feet capped with 3 sacks of cement.

Perforated Fusselman 16411-16439 feet

Cast iron bridge plug set at 14200 feet capped with 15 feet of cement.

Perforated Atoka 12436-12706 feet

Perforated Strawn 11708- 11995 feet

Cast iron bridge plug set at 11650 feet

Perforated Wolfcamp 11416-11425 feet – Squeezed

Perforated Wolfcamp 11379-11399 feet

Unified Operating, L.L.C.
 West Jal B Deep # 1
 API # 30-025-25046
 1980 FNL X 660 FEL
 Unit Letter "H", Section 17, T25S, R36E
 Lea County, New Mexico

Well Data

Anhy 1307
 Top Salt 1460
 Base Salt 3360
 Tansill 3430
 Yates 3590
 Seven Rivers 3870
 Delaware Lime 5221
 Bone Spring 7884
 Wolfcamp 10956
 Strawn 11482
 Atoka 12095
 Devonian 15381
 Fusselman 16404
 Ellenburger 18318

Production Summary of api:3002525046 pool:JAL;FUSSELMAN, WEST (GAS)

producing year	Oil	Gas	Water	Co2
2005	0	6539	2056	0
2006	0	0	0	0
summary	0	6539	2056	0

Production Summary of api:3002525046 pool:JAL;WOLFCAMP, WEST

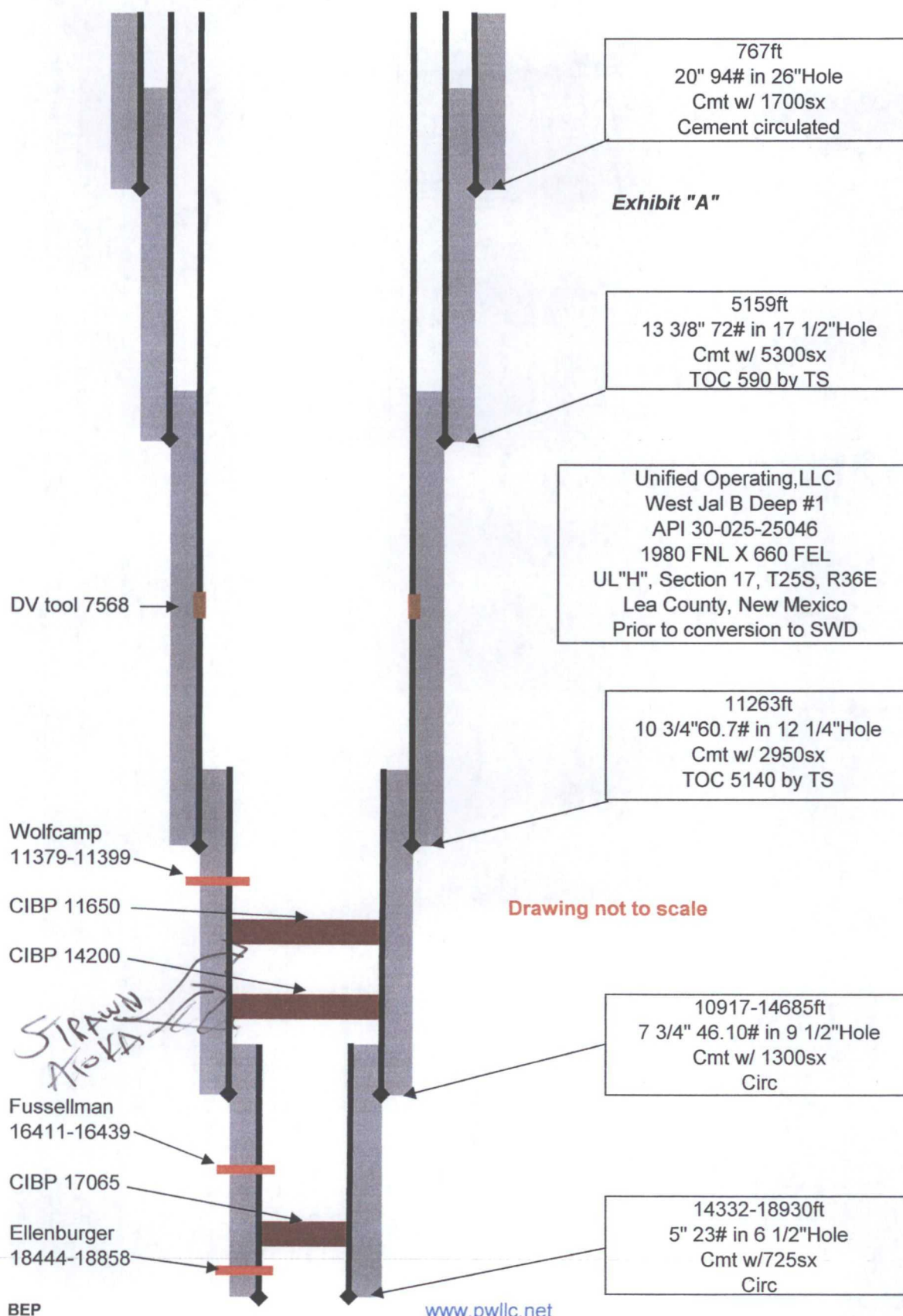
producing year	Oil	Gas	Water	Co2
2006	0	3586	0	0
2007	0	276	7	0
2008	0	0	0	0
2009	0	0	0	0
2010	0	0	0	0
2011	0	0	0	0
summary	0	3862	7	0

Unified Operating, L.L.C.
West Jal B Deep # 1
API # 30-025-25046
1980 FNL X 660 FEL
Unit Letter "H", Section 17, T25S, R36E
Lea County, New Mexico

Well Data

Production Summary of api:3002525046 pool:JAL;STRAWN, WEST (ASSOC)

producing year	Oil	Gas	Water	Co2
1992**	4117	547927	3936	0
1993	300	41784	0	0
1994	179	39979	3660	0
1995	1	30848	5533	0
1996	1	25180	4328	0
1997	3784	25023	2492	0
1998	0	29367	2983	0
1999	0	16227	1772	0
2000	0	21748	42	0
2001	144	11303	2056	0
2002	0	11418	216	0
2003	0	10175	4454	0
2004	0	7724	1058	0
summary	4409	270776	28594	0



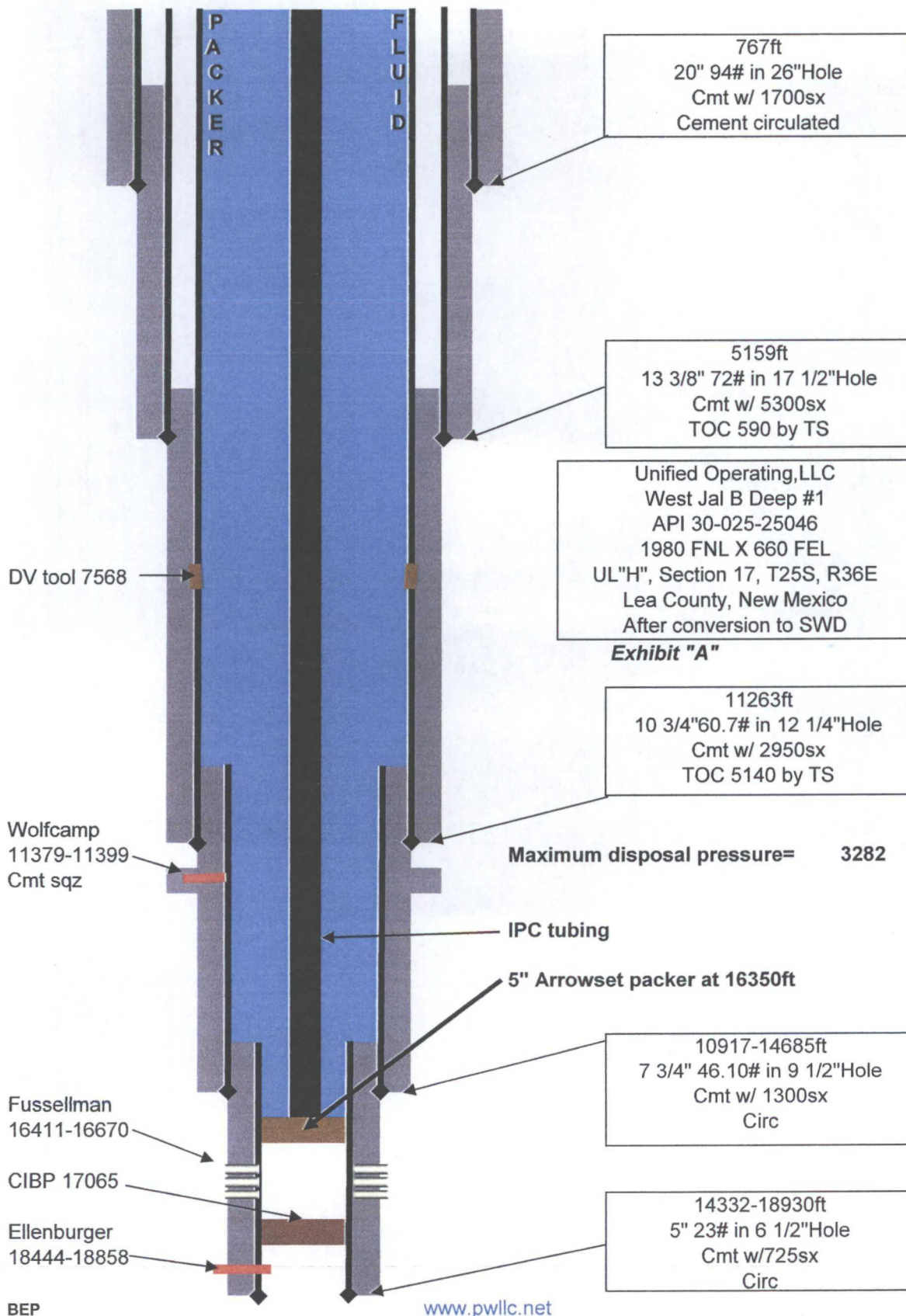
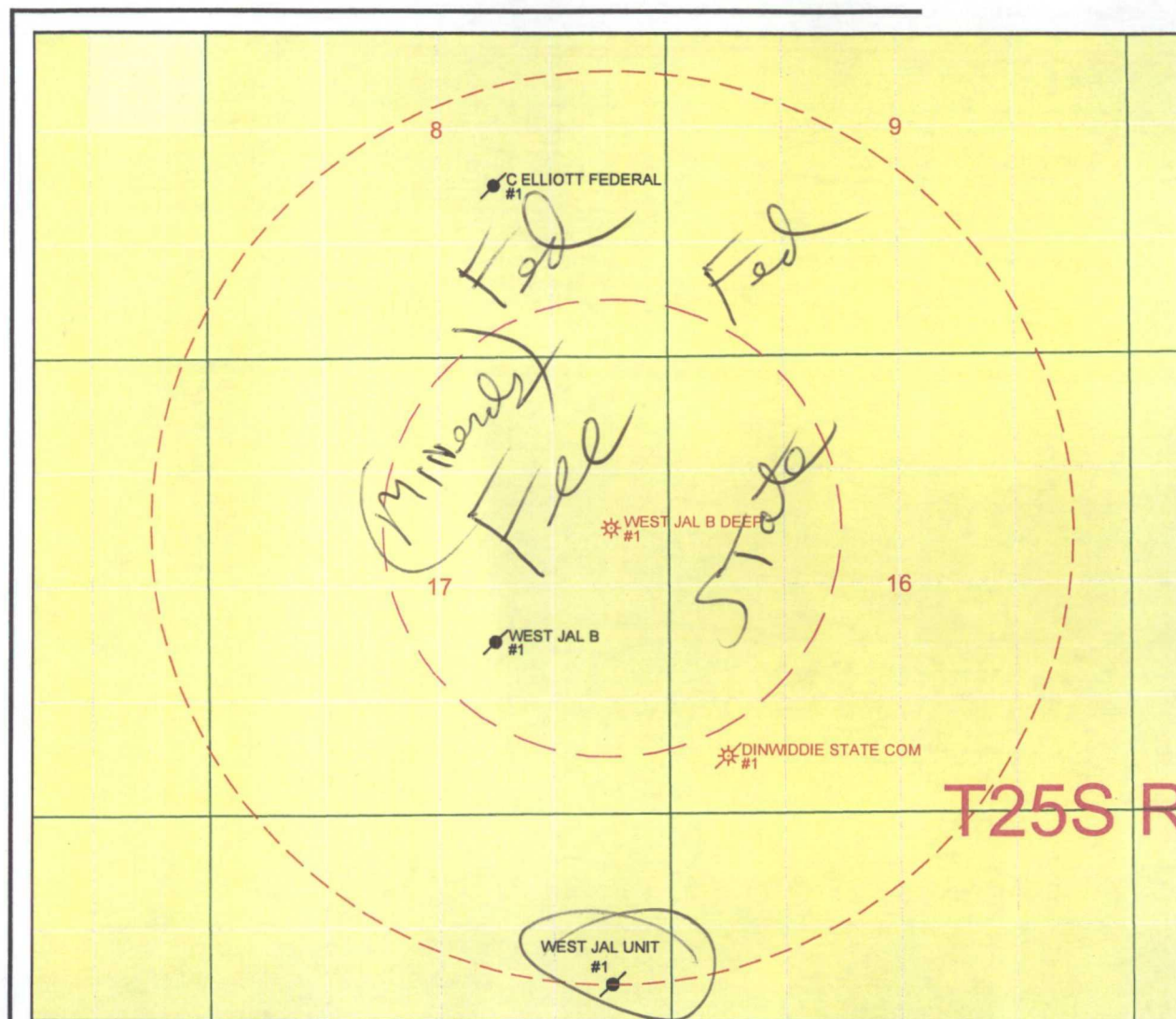


Exhibit "B"

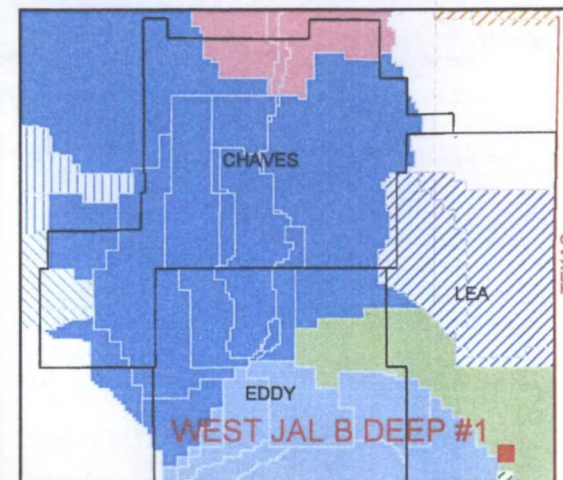


SURFACE OWNERSHIP

BLM	STATE	PRIVATE
BUREAU OF RECLAIM.	NATIONAL PARK SERV.	FOREST SERVICE
PARK	WILDLIFE REFUGE	TRIBAL LANDS

● ACTIVE OIL	● INACTIVE OIL
☀ ACTIVE GAS	☀ INACTIVE GAS
▲ ACTIVE INJECTION	▲ INACTIVE INJECTION
● ACTIVE WATER	● INACTIVE WATER
⊙ ACTIVE SWD	⊙ INACTIVE SWD

● WATER WELL



TEXAS

DECLARED GROUND WATER BASINS

CAPITAN	LEA COUNTY	PENASCO
CARLSBAD	JAL	PORTALES
FORT SUMNER	HONDO	ROSWELL ARTESIAN
	SALT BASIN	

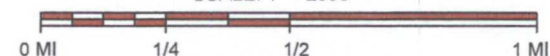
1 MILE RADIUS

TOWNSHIP LINE

1/2 MILE RADIUS

SECTION LINE

SCALE: 1" = 2000'



UNIFIED OPERATING, LLC

WEST JAL B DEEP #1

API: 3002525046

SEC: 17

TWP: 25S

UNIT: H

RNG: 36E

1980 FNL

660 FEL

COUNTY: LEA

N 77 W - 5.3 MILES FROM JAL, NM

LAT: 32°07.925' N.

LON: 103°16.843' W.

NO WARRANTY IS EXPRESSED OR IMPLIED AS TO THE RELIABILITY AND/OR COMPLETENESS OF THIS MAP

DATE: 04/19/11

www.WELLPROMAPPING.COM
COPYRIGHT 2003-2011

<p>Unified Operating, LLC West Jal B Deep # 1 API # 30-025-25046 Wells with in the 0.5 and 1 mile AOR</p>
--

	RAD	API	OP	LEASE	#	TYPE	ST	TWN	RNG	SEC	UL	TVD	LT
		3002525046	Unified	WEST JAL B DEEP	1	GAS	A	25S	36E	17	H	18945	P
1	1865	3002520857	SKELLY	WEST JAL B	1	OIL	P	25S	36E	17	J	12275	P
2	2947	3002538059	COG	DINWIDDIE STATE COM	1	GAS	P	25S	36E	16	M	12192	S
3	4177	3002521411	TEXACO	C ELLIOTT FEDERAL	1	OIL	P	25S	36E	8	J	12276	F
4	5272	3002521172	TEXACO	WEST JAL UNIT	1	OIL	P	25S	36E	20	H	9999	F

Exhibit "C"

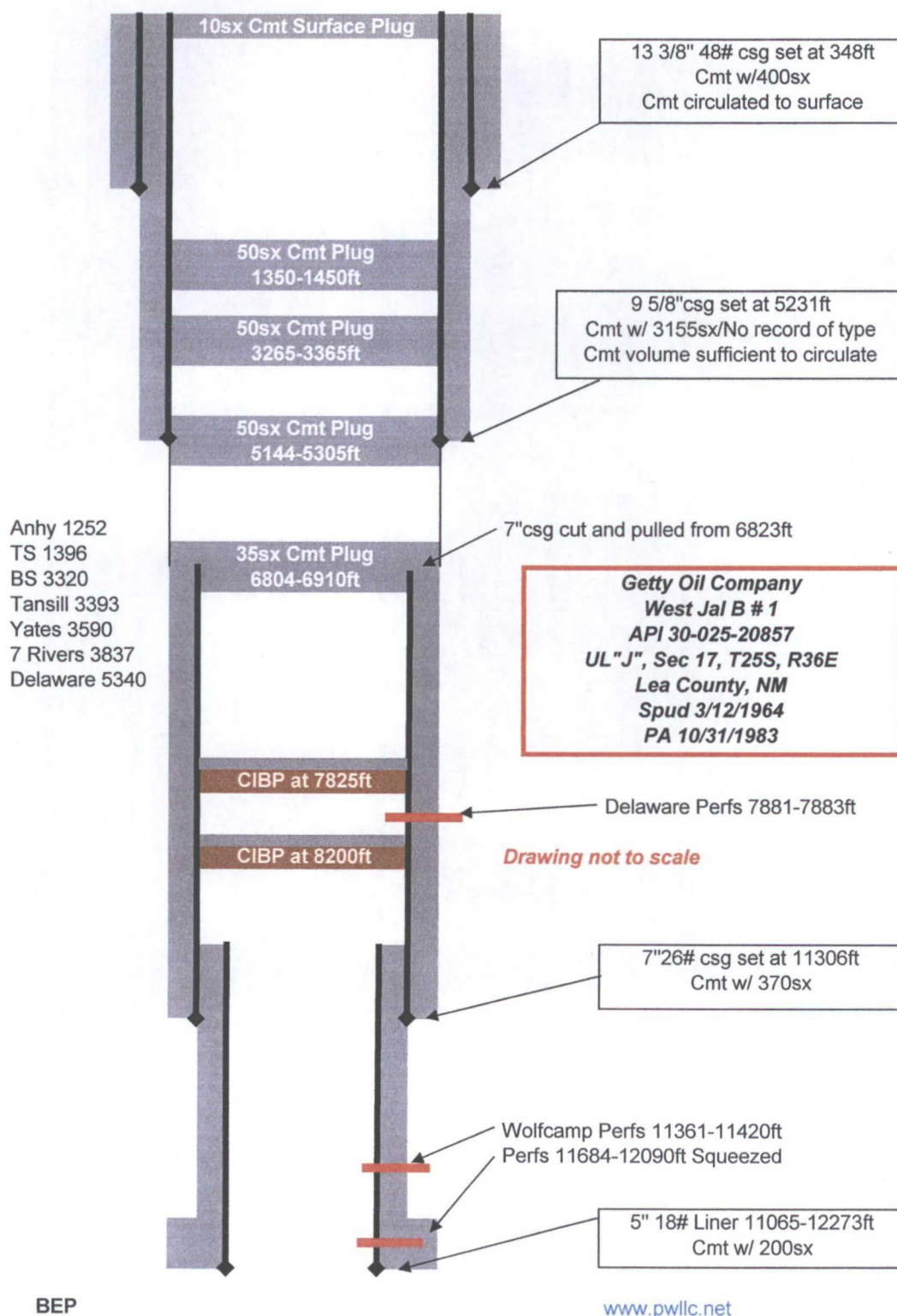


Exhibit "C"

MCH Petroleum Services
West Jal Federal #1
1,980' FNL and 660' FEL
Section 20, T-25 S., R-36 E.
Lea County, New Mexico

AOR well
DIRECTLY
SOUTH

In conjunction with form 3160-3 we submit the following ten items of pertinent information in accordance with BLM request.

1. The geological surface is alluvium.
2. The estimated geologic markers are as follows:

Tansill	3,348'
Yates	3,515'
7-Rivers	3,762'
Queen	4,196'
Grbg.	4,430'
San andres	4,876'
Delaware	5,154'
Bone Spring	7,892'
Wolfcamp	10,997'
Strawn	11,510'
Atoka	12,150'
Morrow	12,840'
Miss.	14,585'
Sil./Dev.	15,515'
Fusselman	16,449'
T.D.	17,086'

3. The estimated depths at which water, oil, or gas formations are expected to be encountered are:

water: < 800'
oil/gas tansill, delaware

4. Proposed casing program: see form 3160-3.
5. Pressure control equipment: see form 3160-3.
6. Mud program: see form 3160-3.
7. Auxiliary equipment: none necessary.
8. Testing, logging, and coring program:
n/a
9. No abnormal pressures or temperatures are anticipated.
10. Anticipated starting date: ASAP (lease expiration 6/1/93).

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRIPlicate
(Other Instructions on
reverse side)Form approved,
Budget Bureau No. 42-R1421.

5. LEASE DESIGNATION AND SERIAL NO.

NM-03429-A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

West Jal Unit

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Undesignated Fusselman

11. SEC., T., R., M., OR BLM. AND
SURVEY OR ALFA

Sec. 20-25S-36E

12. COUNTY OR PARISH

Lea

13. STATE

New Mexico

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)1. OIL WELL ☐ GAS WELL ☒ OTHER

2. NAME OF OPERATOR

Skelly Oil Company

3. ADDRESS OF OPERATOR

P. O. Box 1351, Midland, Texas 79701

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*

See also space 17 below.)
At surface

1980' FNL and 660' FEL Sec. 20-25S-36E

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

3076' GR

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

☐
☐
☐
☐

PULL OR ALTER CASING

☐
☐
☐
☐

FRACTURE TREAT

MULTIPLE COMPLETE

SHOOT OR ACIDIZE

ABANDON*

REPAIR WELL

CHANGE PLANS

(Other)

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

☐
☐
☐
☐

REPAIRING WELL

☐
☐
☐
☐

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

ALTERING CASING

ABANDONMENT*

(Other) Set 3-1/2" liner, perf. & treat ☒
(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

- 1) After reaching TD, ran BHC Sonic Gamma Ray with Caliper 15,392-17,071'; Dual Laterolog 15,392-17,071'; Continuous Dipmeter 15,392-16,276'; Compensated Neutron and Formation Density Log 15,392-17,069'.
- 2) Ran 71 jts. (2114') of 3-1/2" OD 10.2# N-80 Hydril FJ R-2 Condition "A" Liner and set with TIW Type "L" Liner hanger from 14,930-17,084'. Top of liner inside 5-1/2" liner is at 14,967' and bottom at 17,084'. Liner hanger is at 14,936-14,941'; liner hanger packer assembly 14,930-14,936'; packer bore receptacle 14,941-14,967'; two collars painted with radioactive material at 16,182' and 16,271'; guide shoe is at 17,082-17,084'; float collar 17,051-17,052'; float landing collar 17,020-17,021'.
- 3) Cemented liner with 250 sacks of Class "H" cement containing 4/10ths of 1% CFR-2, 1% Halad 9 and 1/4# Flocele per sack. Pumped plug to 17,020'. Reversed out 60 sacks.
- 4) Ran Gamma Ray Collar Log 17,020-15,350'.
- 5) After WOC 48 hours, ran 457 jts. (14,940') of 2-7/8" OD 7.9# N-80 Condition "A" Atlas-Bradford tubing, DSS-HT thread with TIW packer seal assembly stinger and set at 14,967'.
- 6) Tested liner, seal assembly and tubing with 6000# for 30 minutes; held okay.
- 7) Perforated with one .33" hole at: 16,449', 16,475', 16,481', 16,484', 16,508', 16,520', 16,537', 16,550', 16,565', 16,576', 16,591', 16,596', 16,602', and 16,614' (14 shots over 165' interval). Swabbed 1-1/2 hours and well started flowing.

(Continued on Page 2)

18. I hereby certify that the foregoing is true and correct

SIGNED

(Signature)

TITLE Lead Clerk

DATE Dec. 19, 1972

(This space for Federal or State office use)

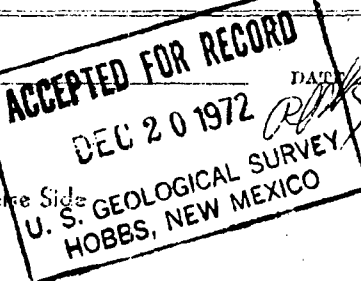
APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

*See Instructions on Reverse Side



West Jal Unit

Well No. 1

Lea Co., New Mexico

Page 2

- 8) Flowed 24-1/2 hours through 1" choke, making no oil, 45 bbls. load water, 393 bbls. formation water and gas at rate of 266 MCF per day. FTP 200#, CP 2300#.
- 9) Ran flow meter, Gradionometer and Temperature Survey to determine water entry.
- 10) Shut well in seven hours, then ran Base Temperature Log 16,000-17,020'. Water channelling from bottom of well bore to 16,508'.
- 11) Set cement retainer at 16,250' and squeezed perfs. 16,499-16,614' with 150 sacks Class "H" cement containing 4/10ths of 1% CFR-2 and 1% Halad 9. Squeeze failed. WOC 4 hours.
- 12) Resqueezed perfs. 16,449-16,614' with 50 sacks Class "H" cement with 1% Halad 9, 4/10ths of 1% CFR-2 and 1/4# Flocele per sack and 150 sacks Class "H" containing 1% Halad 9 and 4/10ths of 1% CFR-2. Squeeze failed.
- 13) Attempted to pull cement retainer - stuck.
- 14) Milled and pushed cement retainer from 16,250' to 16,490'. Recovered cement retainer.
- 15) Drilled and pushed junk to 16,930'.
- 16) Ran 254 jts. (14,793') of 2-7/8" OD tubing and set packer at 14,810'. Swabbed 9 hours, recovering 60 bbls. load water with good show of gas.
- 17) Treated perfs. 16,449-16,614' with 500 gals. 15% NE acid with 2 ball sealers. Swabbed 7 hours, recovering 1 bbl. load water, flowing gas at rate of 50 MCF per day.
- 18) Treated perfs. 16,449-16,614' with 5000 gals. 15% NE acid and 27 ball sealers.
- 19) Ran Temperature Survey 15,000-16,958'.
- 20) Tested well. Well flowed at rate of 910 MCF per day on 23/64" choke, no oil, FTP 310#. Pulled tubing and packer.
- 21) Reran 457 jts. (14,940') of 2-7/8" OD 7.9# DSS-HT Atlas-Bradford Condition "A" tubing and set at 14,967'.
- 22) Circulated hole with corrosion inhibitor water. Released rig 11-8-72. Flowed and tested well.
- 23) On Dec. 11, 1972, treated perfs 16,449-16,614' with 12,500 gals. of 1% KCL water with 62# friction reducer, 25 gals. Adofoam and 25 gals. scale inhibitor, 20,000 gals. 20% retarded acid with 100# friction reducer, 40 gals. Adofoam, 160 gals. acid inhibitor, 1000# fluid loss agent and 40 gals. scale inhibitor and 7 ball sealers. All fluid contained 400 S.C.F Nitrogen per barrel.
- 24) Testing well.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRIPL
(Other instructions
verse side)

COPY TO O. C. C.

E*
re-Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

NM-03429-A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

West Jal Unit

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Undesignated Fusselman

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA

Sec. 20-258-36E

12. COUNTY OR PARISH

Lea

13. STATE

New Mexico

1. OIL ☐ GAS ☐ OTHER ☒

2. NAME OF OPERATOR

Skelly Oil Company

3. ADDRESS OF OPERATOR

P. O. Box 1351, Midland, Texas 79701

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface

1980' FNL and 660' FEL Sec. 20-258-36E

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

3076' GR

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐FRACTURE TREAT ☐SHOOT OR ACIDIZE ☐REPAIR WELL ☐(Other) ☐PULL OR ALTER CASING ☐MULTIPLE COMPLETE ☐ABANDON* ☐CHANGE PLANS ☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐FRACTURE TREATMENT ☐SHOOTING OR ACIDIZING ☐(Other) Clean out & deepen to 17,086' ☒
(NOTE: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)REPAIRING WELL ☐ALTERING CASING ☐ABANDONMENT* ☐

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

- 1) Rigged up rotary tools 7-28-72. Pulled tubing and packer.
- 2) Set cement retainer at 11,390' and squeezed Strawn 7" OD casing perfs. 11,510-11,741' with 100 sacks Class "H" cement containing 1X CFR-2 and 3# sand per sack. Squeeze failed. WOC 4 hours.
- 3) Resqueezed perfs. 11,510-11,741' with 100 sacks Class "H" cement containing 5/10X of 1X CFR-2 and 3# sand per sack. Squeezed at 6500#. Reversed out 15 sacks.
- 4) After WOC 12 hours, drilled cement retainer at 11,390' and cement 11,390-11,755' with 6-1/2" bit.
- 5) Tested squeeze job to 3000#; held okay.
- 6) Drilled cement 11,790-11,832' and tested old squeeze job on perfs. 11,736-11,815' to 3000#; held okay.
- 7) Drilled cement 11,832-11,844'; pushed plus-plug to 11,976'. Drilled plug. Tagged junk at 12,002' and pushed to 12,312'.
- 8) Cleaned to top of 5-1/2" OD liner at 12,032', set cement retainer at 11,820' and found casing perfs. 11,849-11,894' open.
- 9) Squeezed 5-1/2" casing perfs. 11,849-11,894' with 50 sacks Class "H" with 1X CFR-2 and 100 sacks Class "H" with 1X CFR-2 and 3# sand per sack.
- 10) Dumped 20 sacks cement on retainer at 11,820', plugging back to 11,717'. Reversed out 90 sacks cement. WOC 12 hours.

(continued on page 2)

18. I hereby certify that the foregoing is true and correct

SIGNED

TITLE Lead Clerk

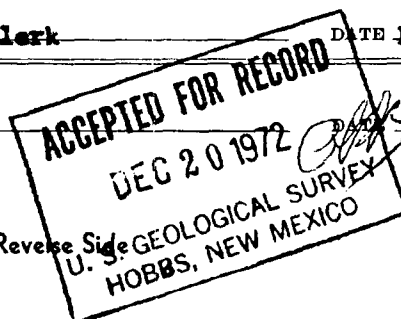
DATE Dec. 18, 1972

(This space for Federal or State office use)

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:



*See Instructions on Reverse Side

- 11) Drilled cement 11,708-11,820'; cement retainer 11,820-11,822' and cement 11,822-11,861'. Cleaned out to top of liner at 12,032'.
- 12) Tested squeeze job to 2500#; held okay.
- 13) Drilled junk 12,312-12,748.5'; cement 12,748.5-12,760'; junk to 12,762'; cement 12,762-13,030'.
- 14) Tested old squeezed perfs. 13,005-13,030' to 2500#; held okay.
- 15) Milled and drilled cast iron bridge plug at 13,174' and pushed to 13,395'.
- 16) Tested 5-1/2" OD liner perfs. 13,247-13,360' to 2900#; could not pump into perfs.
- 17) Milled cast iron bridge plug 13,396-13,400'.
- 18) Tested perfs. 13,462-13,472' to 2700#; could not pump into perfs.
- 19) Milled and drilled out cement retainer 13,517-13,524'; cement 13,524-13,532'; cement 15,050-15,353'.
- 20) Milled and drilled cast iron bridge plug 15,340-15,858'. Washed over fish 15,858'; recovered fish. Cleaned out to old TD of 15,958'.
- 21) Drilled 4-3/4" new hole 15,958-16,498'.
- 22) Ran Drill Stem Test No. 1 (Silurian) 15,400-16,498'.
- 23) Drilled 4-3/4" hole 16,498' to total depth of 17,086' at 11 p.m. October 4, 1972.

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sucks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

DEVONIAN in offset well

37. SUMMARY OF POROUS ZONES:

SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
Lime	15,958'	15,995'	<p>DRILL STEM TEST NO. 1: 15,400-16,498' (Silurian) - 5/8" BHC, 1/2" THC. Opened 10 minutes on preflow, had strong blow immediately and throughout test. Shut in 1 hour. Opened 2 hours on final flow; gas to surface in 66 minutes, went from TSTM to 150 MCFPD rate and at end of test decreased to 100 MCFPD. Shut in 4 hours. Recovered 8400' gas-cut drilling mud. Pressures: IH 8003#; FH not reported, 2-minute IEP 2502#; 10-minute ISIP 2502-7061#; 1-hour FFP 2925-3120#; 2-hour FSIP 3120-7061#. BHT 202°.</p>
Lime & Shale	15,995'	16,023'	
Lime, Shale & Chert	16,023'	16,157'	
Lime	16,157'	16,171'	
Lime & Chert	16,171'	16,183'	
Lime & Shale	16,183'	16,291'	
Lime, Shale & Chert	16,291'	16,355'	
Lime & Shale	16,355'	16,498'	
Shale & Dolomite	16,498'	16,515'	
Lime & Dolomite	16,515'	16,544'	
Dolomite, Lime & Chert	16,544'	16,624'	
Dolomite & Lime	16,624'	16,707'	
Lime	16,707'	16,787'	
Lime & Dolomite	16,787'	17,086'	

38.

GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Siluro-Devonian	15,503'	
Fusselman	16,425'	
Montoya	17,053'	

Unified Operating, L.L.C
Possible produced water disposed in West Jal B Deep #
1

Water Sample Analysis

Pool	Location		Range	Chlorides
	Section	Township		
North Justis Montoya	2	25S	37E	45440
North Justis McKee	2	25S	37E	58220
North Justis Fusselman	2	25S	37E	68533
North Justis Ellenburger	2	25S	37E	34151
Fowler Blinebry	22	24S	37E	116085
Skaggs Grayburg	18	20S	38E	84845
Warren McKee	18	20S	38E	85910
Warren Abo	19	20S	39E	91600
DK Drinkard	30	20S	39E	106855
Littman San Andres	8	21S	38E	38695
East Hobbs grayburg	29	18S	39E	6461
Halfway Yates	18	20S	32E	14788
Arkansas Junction San Andres	12	18S	36E	7171
Pearl Queen	28	19S	35E	114310
Midway Abo	17	17S	37E	36494
Lovinton Abo	31	16S	37E	22933
Lovington San Andres	3	16S	37E	4899
Lovington Paddock	31	16S	37E	93720
Mesa Queen	17	16S	32E	172530
Kemnitz Wolfcamp	27	16S	34E	49345
Hume Queen	9	16S	34E	124960
Anderson Ranch Wolfcamp	2	16S	32E	11040
Anderson Ranch Devonian	11	16S	32E	25702
Anderson Ranch Unit	11	16S	32E	23788
Caudill Devonian	9	15S	36E	20874
Townsend Wolfcamp	6	16S	38E	38695
Dean Perno Penn	5	16S	37E	44730
Dean Devonian	35	15S	36E	19525
South Denton Wolfcamp	26	15S	37E	54315
South Denton Devonian	36	15S	37E	34080
Medicine Rock Devonian	15	15S	38E	39760
Little Lucky Lake Devonian	29	15S	30E	23288
Wantz Abo	26	21S	37E	132770
Crosby Devonian	18	25S	37E	58220
Scarborough Yates Seven Rivers	7	26S	37E	3443(Reef)
Teague Simpson	34	23S	37E	114665
Teague Ellenburger	34	23S	37E	120345
Rhodes Yates 7 Rivers	27	26S	37E	144485
House SA	11	20S	38E	93365
House Drinkard	12	20S	38E	49700
South Leonard Queen	24	26S	37E	115375
Elliot Abo	2	21S	38E	55380
Scharb Bone Springs	5	19S	35E	30601
EK Queen	13	18S	34E	41890
East EK Queen	22	18S	34E	170630
Maljamar Grayburg SA	22	17S	32E	46079
Maljamar Paddock	27	17S	32E	115375
Maljamar Devonian	22	17S	32E	25418

Unified Operating, L.L.C
Yates/ 7 Rivers water analysis

Water Sample Analysis

Pool	Location			Chlorides
	Section	Township	Range	
North Justis Montoya	2	25S	37E	45440
North Justis McKee	2	25S	37E	58220
North Justis Fusselman	2	25S	37E	88533
North Justis Ellenburger	2	25S	37E	34151
Fowler Blinbry	22	24S	37E	116085
Skaggs Grayburg	18	20S	38E	84845
Warren McKee	18	20S	38E	85910
Warren Abo	19	20S	39E	91600
DK Drinkard	30	20S	39E	106855
Littman San Andres	8	21S	38E	38895
East Hobbs grayburg	29	18S	39E	6461
Halfway Yates	18	20S	32E	14768
Arkansas Junction San Andres	12	18S	38E	7171
Pearl Queen	28	19S	35E	114310
Midway Abo	17	17S	37E	38494
Lovinton Abo	31	16S	37E	22933
Lovington San Andres	3	18S	37E	4899
Lovington Paddock	31	16S	37E	93720
Mesa Queen	17	16S	32E	172530
Kemnitz Wolfcamp	27	16S	34E	49345
Hume Queen	9	16S	34E	124980
Anderson Ranch Wolfcamp	2	16S	32E	11040
Anderson Ranch Devonian	11	16S	32E	25702
Anderson Ranch Unit	11	16S	32E	23788
Caudill Devonian	9	15S	36E	20874
Townsend Wolfcamp	8	16S	38E	38895
Dean Pemo Penn	5	16S	37E	44730
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House Drinkard	12	20S	38E	49700
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Scharb Bone Springs	5	19S	35E	30801
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East EK Queen	22	18S	34E	179630
Maljamar Grayburg SA	22	17S	32E	46079
Maljamar Paddock	27	17S	32E	115375
Maljamar Devonian	22	17S	32E	25418

NM WAIDS

[DATA](#)[MAPS](#)[HOME](#)[SCALE](#)[CORROSION](#)

Water Samples for Sect 08 Township 25 South Range 36 East

Instructions:

The number represents the number of water samples of certain well. Click the number if you want to download the data.

1 records are available.

	# of samples	S	T	R	Formation	Date	Chlorides (mg/L)	Location (qtr/qtr)
<input type="checkbox"/>	<u>1</u> sample	08	25S	36E	SANTA ROSA	10/20/1965	70	25S.36E.08.33334

☐ SELECT/DESELECT ALL



Exhibit "F"

NM WAIDS

DATA**MAPS****HOME****SCALE****CORROSION**

General Information About: Sample 2680			
Section/ Township/Range	08 / 25 S / 36 E	Lat/Long	32.1447 / -103.2868
Elevation	3151	Depth	650
Date Collected	10/20/1965	Chlorides	70
Collector / Point of Collection	SEO /	Use	Irrigation Water
Formation	SANTA ROSA	TDS	0



Exhibit "F"

Legal Notice

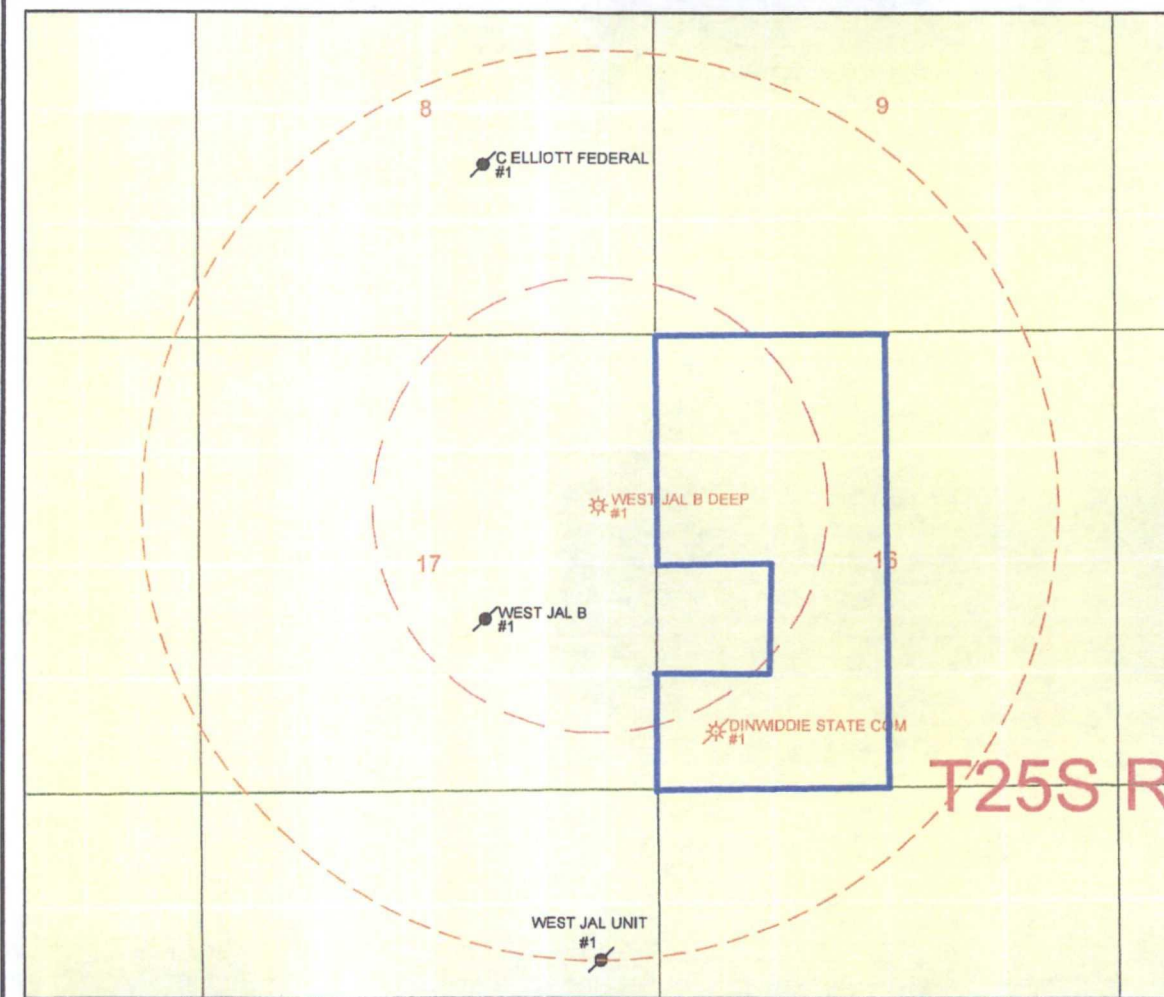
Unified Operating, L.L.C., PO Box 2931, Littleton, Colorado 80161 has filed NMOCD form C108 seeking administrative approval to convert the West Jal B Deep #001, API # 30-025-25046 located 1980 FNL x 660 FEL, Unit letter "H", Section 17 T25S, R36E, NMPM, Lea County, New Mexico from a Wolfcamp oil well to a Fusselman commercial salt water disposal well. Disposal fluid would come from producing wells in the area. The disposal interval would be the Fusselman formation through perforations from 16411 feet to 16670 feet. Anticipated disposal rate is 5000-10000 barrels of water per day. Anticipated disposal pressure is expected to be 0 psig with a maximum disposal pressure of 3282 psig. Well is located 5.3 miles west of Jal, New Mexico

All interested parties opposing the aforementioned must file objections with the New Mexico Oil Conservation Division, 1220 South St. Francis Drive, Santa Fe, New Mexico 87505 within 15 days. Additional information can be obtained by contacting Victoria Hirschfeld 720-328-8366.

Exhibit "G"

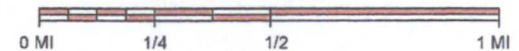
N2/ W2
 Section 16, T25S, R36E
 Minerals
 State of New Mexico
 PO Box 1148
 Santa Fe, New Mexico 87504-1148

Leasehold
 Chevron USA
 1400 Smith Road
 Houston, Texas 77002



T25S R

SCALE: 1" = 2000'



UNIFIED OPERATING, LLC

WEST JAL B DEEP #1

API: 3002525046

SEC: 17

TWP: 25S

UNIT: H

RNG: 36E

1980 FNL

660 FEL

COUNTY: LEA

N 77 W - 5.3 MILES FROM JAL, NM

LAT: 32°07.925' N.

LON: 103°16.843' W.

NO WARRANTY IS EXPRESSED OR
 IMPLIED AS TO THE RELIABILITY
 AND/OR COMPLETENESS OF THIS MAP

DATE: 04/19/11

www.WELLPROMAPPING.COM
 COPYRIGHT 2003-2011

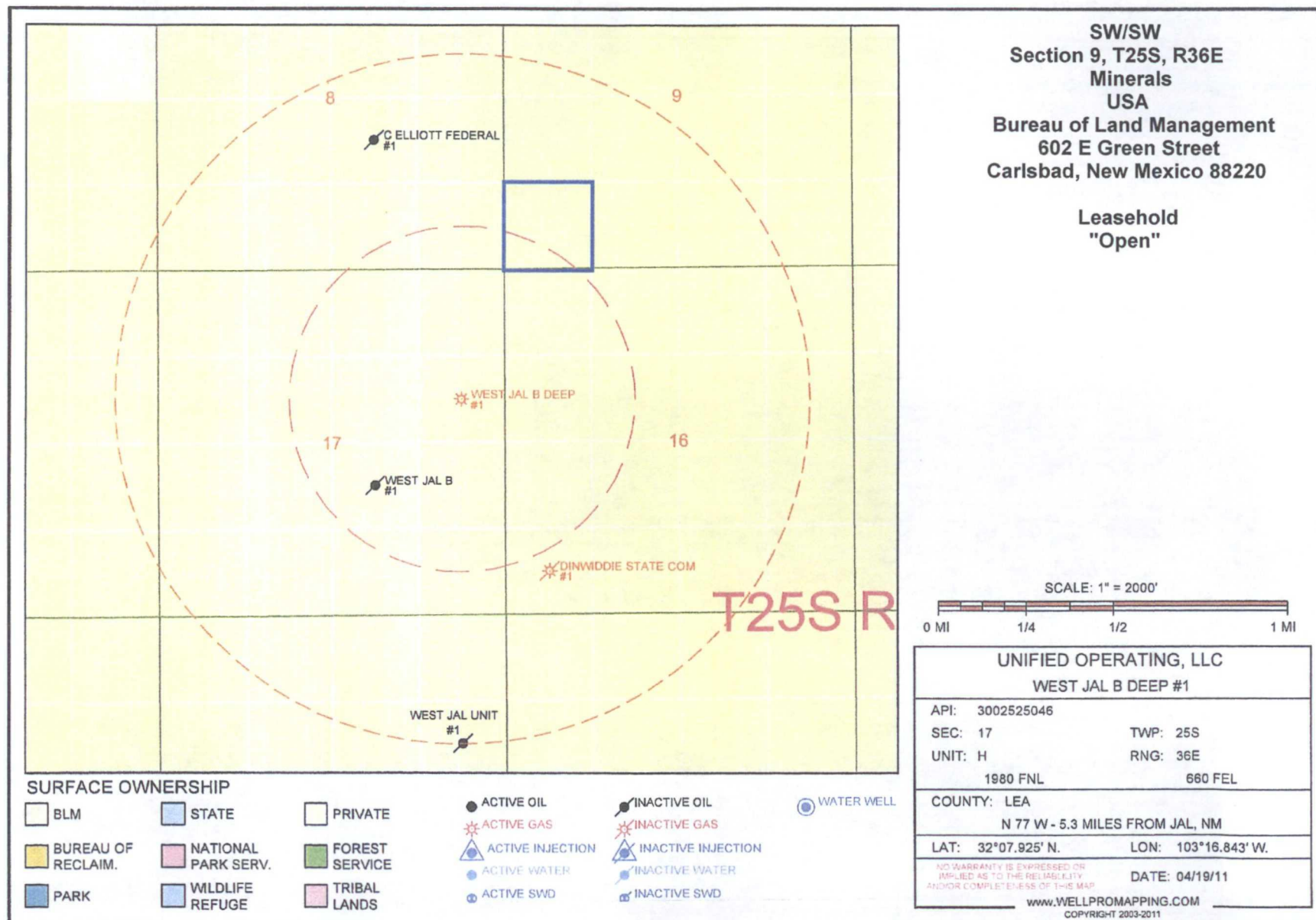
SURFACE OWNERSHIP

BLM	STATE	PRIVATE
BUREAU OF RECLAIM.	NATIONAL PARK SERV.	FOREST SERVICE
PARK	WILDLIFE REFUGE	TRIBAL LANDS

ACTIVE OIL	INACTIVE OIL
ACTIVE GAS	INACTIVE GAS
ACTIVE INJECTION	INACTIVE INJECTION
ACTIVE WATER	INACTIVE WATER
ACTIVE SWD	INACTIVE SWD

WATER WELL

Exhibit "G"



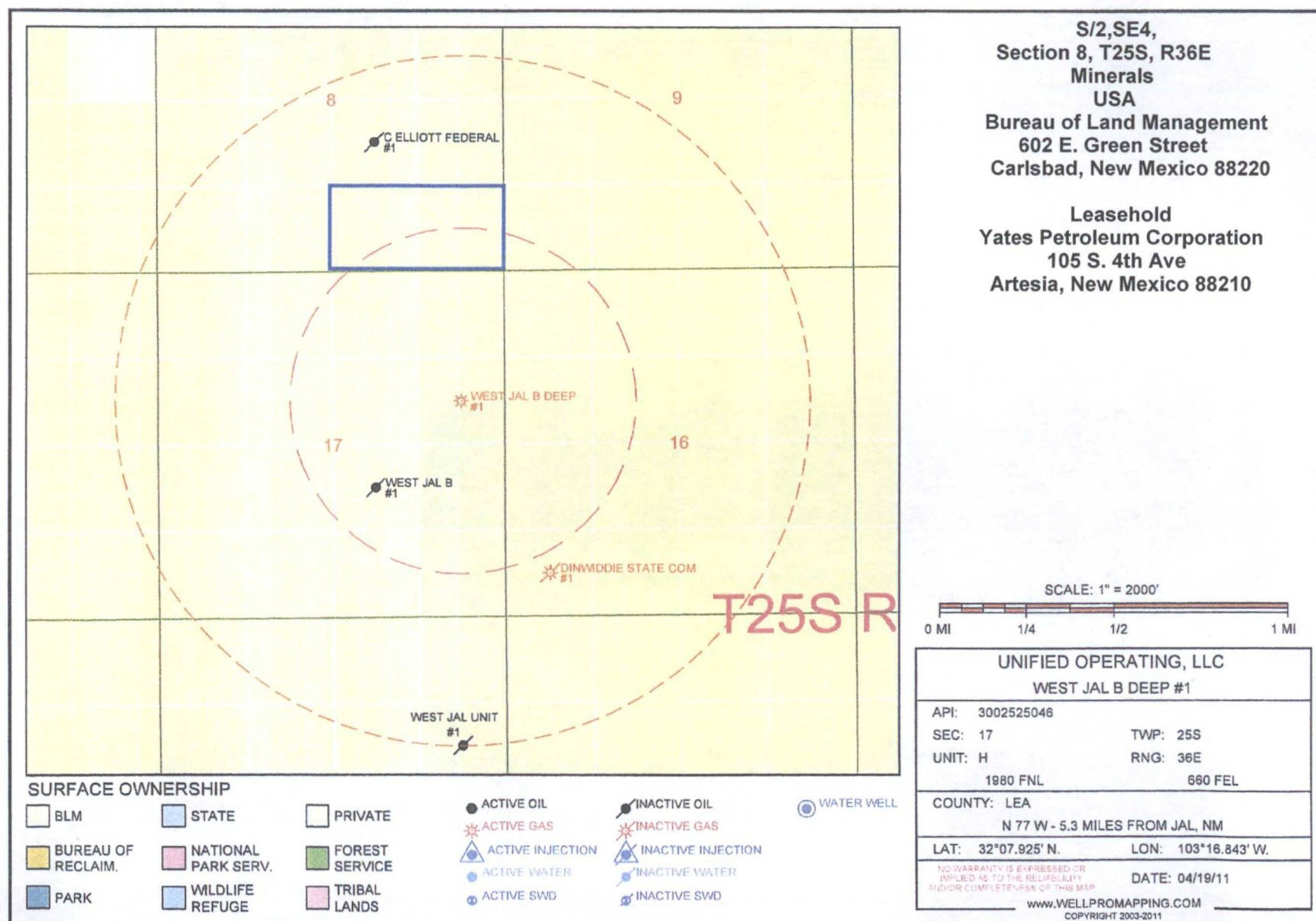
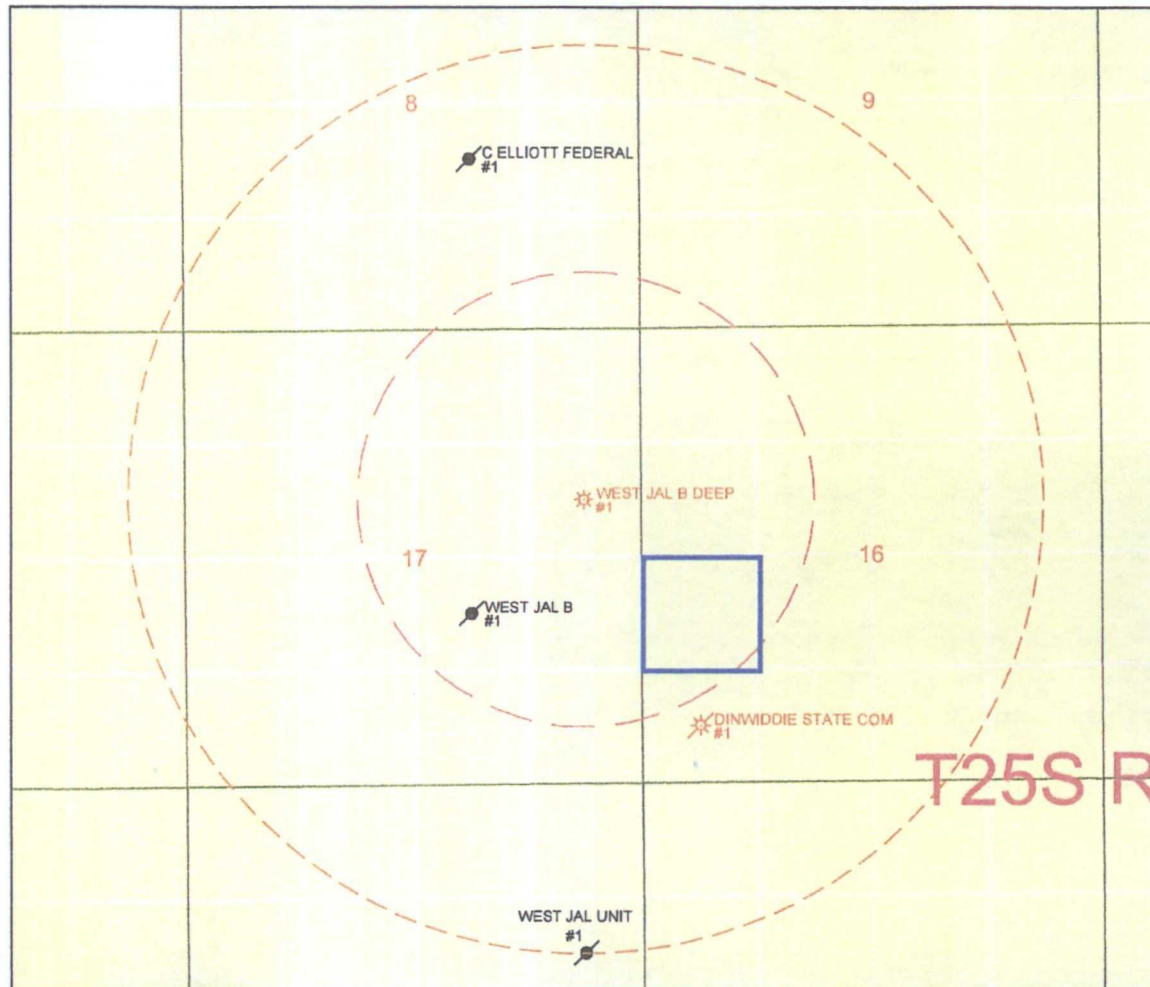


Exhibit "G"

NW/SW
 Section 16, T25S, R36E
 Minerals
 State of New Mexico
 PO Box 1148
 Santa Fe, New Mexico 87504-1148

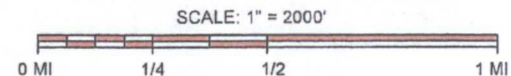
Leasehold
 Yates Petroleum Corporation
 105 S. 4th Ave
 Artesia, New Mexico 88210



SURFACE OWNERSHIP

BLM	STATE	PRIVATE
BUREAU OF RECLAIM.	NATIONAL PARK SERV.	FOREST SERVICE
PARK	WILDLIFE REFUGE	TRIBAL LANDS

ACTIVE OIL	INACTIVE OIL	WATER WELL
ACTIVE GAS	INACTIVE GAS	
ACTIVE INJECTION	INACTIVE INJECTION	
ACTIVE WATER	INACTIVE WATER	
ACTIVE SWD	INACTIVE SWD	



UNIFIED OPERATING, LLC

WEST JAL B DEEP #1

API: 3002525046
 SEC: 17 TWP: 25S
 UNIT: H RNG: 36E
 1980 FNL 660 FEL

COUNTY: LEA
 N 77 W - 5.3 MILES FROM JAL, NM

LAT: 32°07.925' N. LON: 103°16.843' W.

NO WARRANTY IS EXPRESSED OR IMPLIED AS TO THE RELIABILITY AND/OR COMPLETENESS OF THIS MAP. DATE: 04/19/11

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Exhibit "G"

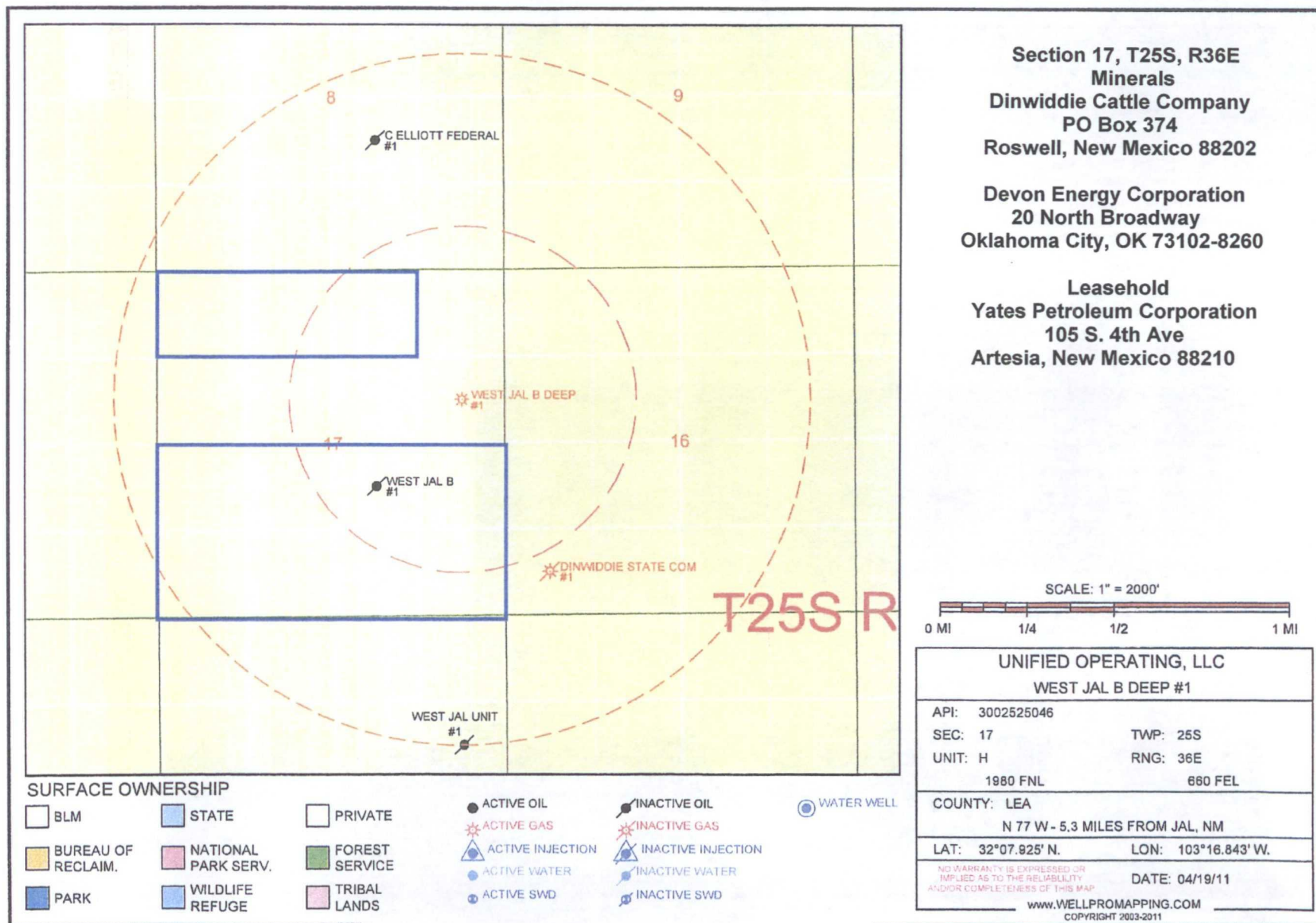


Exhibit "G"

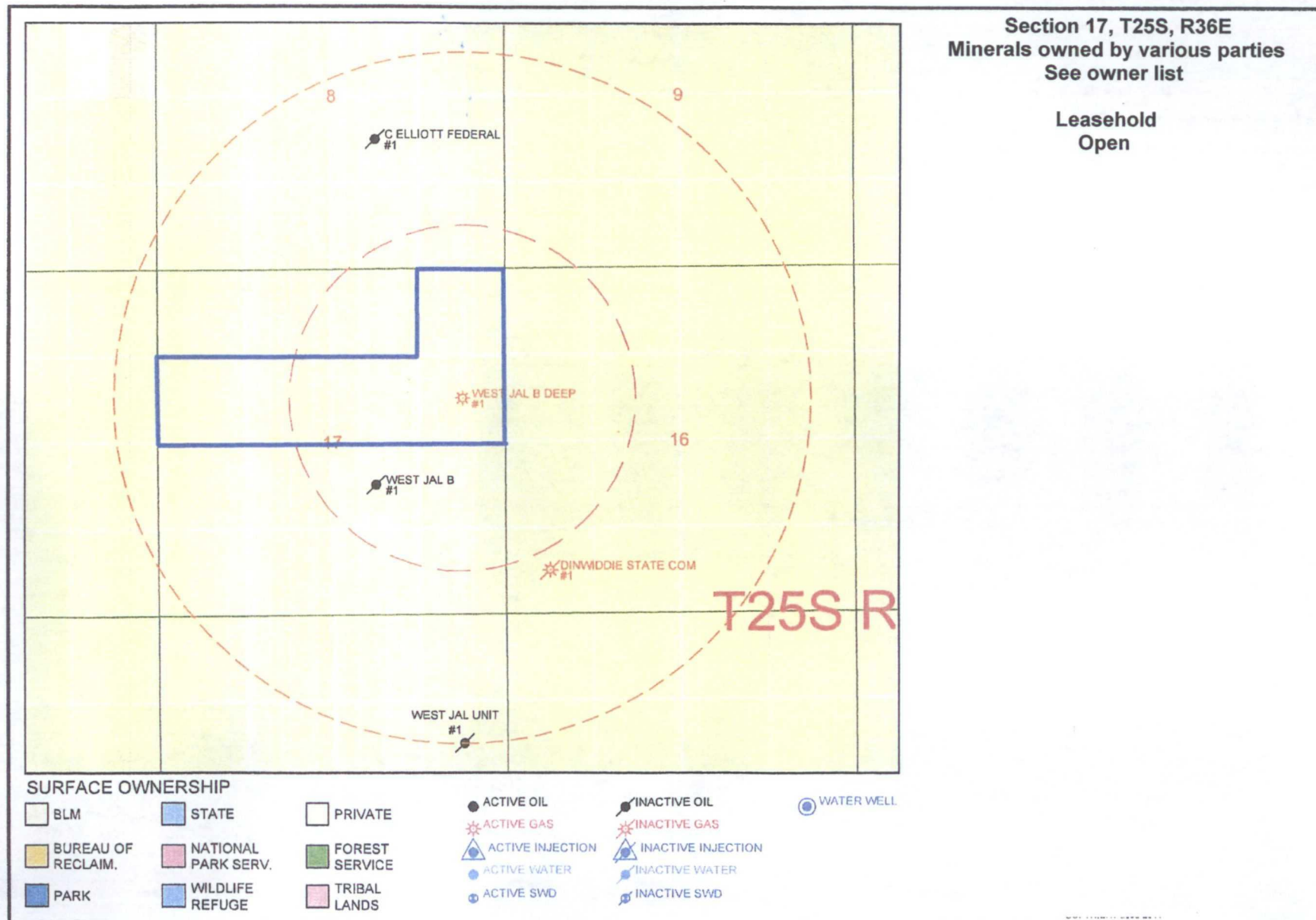


Exhibit "G"

PUEBLO WEST CONSULTING SERVICE

January 2, 12

RECEIVED OCD
2012 JAN -5 P 12:53

WILL,

**PLEASE FIND ENCLOSED AFFIDAVIT OF PUBLICATION OF THE LEGAL NOTICE
FOR THE UNIFIED OPERATING WELL THE WEST JAL B DEEP #1 .
(API#30-025-25046) SWD APPLICATION.**

THANKS

A handwritten signature in black ink, reading "Billy E. Pricard". The signature is fluid and cursive, with a large loop at the end of the last name.

BILLY E PRICARD

Affidavit of Publication

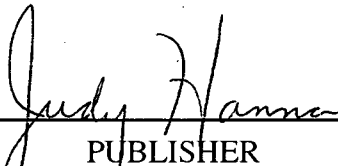
State of New Mexico,
County of Lea.

I, JUDY HANNA
PUBLISHER

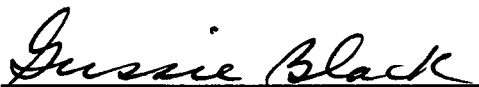
of the Hobbs News-Sun, a
newspaper published at Hobbs, New
Mexico, do solemnly swear that the
clipping attached hereto was
published in the regular and entire
issue of said newspaper, and not a
supplement thereof for a period

of 1 issue(s).

Beginning with the issue dated
December 16, 2011
and ending with the issue dated
December 16, 2011


PUBLISHER

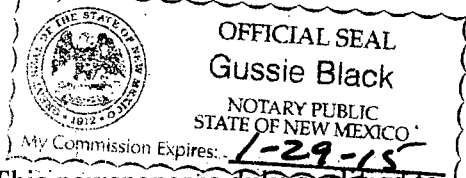
Sworn and subscribed to before me
this 20th day of
December, 2011



Notary Public

My commission expires
January 29, 2015

(Seal)



This newspaper is duly qualified to
publish legal notices or
advertisements within the meaning of
Section 3, Chapter 167, Laws of
1937 and payment of fees for said
publication has been made.

Legal Notice December 16, 2011

Unified Operating, L.L.C.; PO Box 2931, Littleton, Colorado 80161 has filed NMOCD form C108 seeking administrative approval to convert the West Jal B Deep #001, API # 30-025-25046 located 1980 FNL x 660 FEL, Unit letter "H", Section 17 T25S, R36E, NMPM, Lea County, New Mexico from a Wolfcamp oil well to a Fusselman commercial salt water disposal well. Disposal fluid would come from producing wells in the area. The disposal interval would be the Fusselman formation through perforations from 16411 feet to 16670 feet. Anticipated disposal rate is 5000-10000 barrels of water per day. Anticipated disposal pressure is expected to be 0 psig with a maximum disposal pressure of 3282 psig. Well is located 5.3 miles west of Jal, New Mexico

All interested parties opposing the aforementioned must file objections with the New Mexico Oil Conservation Division, 1220 South St. Francis Drive, Santa Fe, New Mexico 87505 within 15 days. Additional information can be obtained by contacting Victoria Hirschfeld 720-328-8366.
#27046

02107812

00084676

BILLY E. PRICHARD
PUEBLO WEST LLC
OILFIELD CONSULTING SERVICE
125 GREENHOUSE VILLAGE
DECATUR, TX 76234

S2/N2 and NE/NE
Section 17, T25S, R36E, Lea County, New Mexico

Owner List

Section 17:

Surface Owner

Dinwiddie Cattle Co.
P. O. Box 374
Roswell, NM 88202

Mineral Owners

NE/NE & S/2 of N/2

Sun Trust Bank, Trustee U/W/O Josephine Lundy
1445 New York Ave, NW
CDC-5602, Second Floor
Washington, DC 20005

Scott Douglas Rule
1365 Tapadero Trail
Reno, NV 89521

Betty Amonte
4812 St. Andrews Ave.
Leesburg, FL 34748

Steven R. Fine
28707 Ivory Creek Lane
Katy, TX 77458

W. Winfield Smith, Jr.
4614 Parmele Rd.
Castlehaven, NC 28429

Carol Nadine Dittmer
1365 Tapadero Trail
Feno, NV 89521

Ann E. Wooldridge
P. O. Box 1183
Alabany, TX 76430

Karen Maedelle Orr
5304 Links Dr.
Waco, TX 76708

Richard L. Cromartie
155 Ocean Lane Drive, Apt. 509
Key Biscayne, FL 33149

Gregory Limer Rule
2618 American Dr.
Grand Junction, CO 81504

Richard A. Whittington
730 E. Strawbridge Ave., Ste. 205
Melborne, FL 32901

Exhibit "G"

Mary Ann Prall
904 S. Brie Ave.
Tulsa, OK 74112

Ellis Rudy Inc.
22499 Imperial Valley Dr.
Houston, TX 77073

Cyril Verret
2400 Dietz
Lake Charles, LA 70601

James Michael Dudley
7 Whitmoor Ct.
St. Charles, MO 63304

Richard John Shaugnessy
2611 S. Trenton Ave.
Tulsa, OK 74114

O. W. Sirvin, Estate
Arvest Trust Company, Trustee
C/o Connie Jenkins
200 E. Main
Norman, OK 73069

Mid-Brook Royalty Company
P. O. Box 700180
Tulsa, OK 74170

The Ida Bell Hunt Trust
Anna Beth McIntyre, Trustee
1503 Ridgeway Dr.
Temple, TX 76502

John Warren Erickson
711 S. Quebec
Tulsa, OK 74112

Mary Elinor (Marelle) Littlefield
3645 S. Atlanta Pl.
Tulsa, OK 74133

Lilliam June Klawitter
3344 Horstman Rd.
Berger, MO 63014

The Pitts Family Royalty Co.
C/o Bank of Oklahoma, N.A.
P. O. Box 3499
Tulsa, OK 74101

Phillip Julian Erickson
303 Northern Blvd.
St. James, NY

Exhibit "G"

Clyde C. Smith
355 Chelsea Circle, NE
Atlanta, GA 30307

Brenda Bowers Shafer
P. O. Box 220355
El Paso, Tx 79913

T. Wooten Jr.
938 Chester Circle Dr.
Fayetteville, NC 28303

Judy Ann Gergen
2820 N. Meridian St.
Indianapolis, IN 46208

Archie & Clarabelle Smith Rev. Trust
C/o Archie D. Smith, Jr., Trustee
713 Vista Verde Way
Bakersfield, CA 93309

Velma Dittmer
3525 W. Ottawa St.
Cranfordsville, IN 47933

Edward A. Bowers
4405 Bradley Lane
Arlington, TX 76017

St. Joseph Residence, Inc.
P. O. Box 6429
Tulsa, OK 74148

Mary McSparren Sutton
3912 S. Trenton Ave.
Tulsa, OK 74105

James H. Bearly
4205 Old Farm Rd.
Oklahoma City, OK 73120

David A. Lynch
P. O. Box 1904
Lovington, NM 88260

Leasehold: OPEN

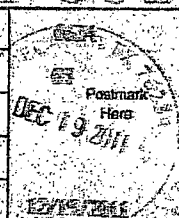
Exhibit "G"

CERTIFIED MAIL[®] RECEIPT
(Domestic Mail Only; No Insurance Coverage Provided)

For delivery information visit our website at www.usps.com.

OFFICIAL USE

Postage	\$ 1.50
Certified Fee	\$ 2.50
Return Receipt Fee (Endorsement Required)	\$ 2.30
Restricted Delivery Fee (Endorsement Required)	\$ 3.00
Total Postage & Fees	\$ 9.30



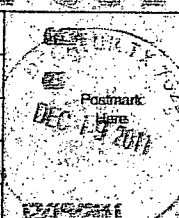
Sent To: _____
Street, Apt. No., or PO Box No.: **Scott Douglas Rule**
1365 Tapadero Trail
City, State, ZIP+4: **Reno, NV 89521**
PS Form 3800, 4-2009 For Instructions

U.S. Postal Service[®]
CERTIFIED MAIL[®] RECEIPT
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OFFICIAL USE

Postage	\$ 1.50
Certified Fee	\$ 2.50
Return Receipt Fee (Endorsement Required)	\$ 2.30
Restricted Delivery Fee (Endorsement Required)	\$ 3.00
Total Postage & Fees	\$ 9.30



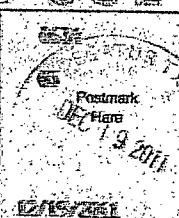
Sent To: _____
Street, Apt. No., or PO Box No.: **Sun Trust Bank**
Trustee U/W Josephine Lundy
1445 New York Ave. NW
CDC-5602 Second Floor
City, State, ZIP+4: **Washington DC 20005**
PS Form 3800, 4-2009 For Instructions

U.S. Postal Service[®]
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OFFICIAL USE

Postage	\$ 1.50
Certified Fee	\$ 2.50
Return Receipt Fee (Endorsement Required)	\$ 2.30
Restricted Delivery Fee (Endorsement Required)	\$ 3.00
Total Postage & Fees	\$ 9.30



Sent To: _____
Street, Apt. No., or PO Box No.: **Steve R Fine**
28707 Ivory Creek Lane
Katy, TX 77458
PS Form 3800, 4-2009 For Instructions

U.S. Postal Service[®]
CERTIFIED MAIL[®] RECEIPT
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For delivery information visit our website at www.usps.com.

OFFICIAL USE

Postage	\$ 1.50
Certified Fee	\$ 2.50
Return Receipt Fee (Endorsement Required)	\$ 2.30
Restricted Delivery Fee (Endorsement Required)	\$ 3.00
Total Postage & Fees	\$ 9.30



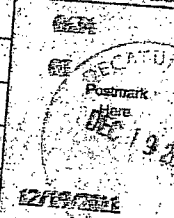
Sent To: _____
Street, Apt. No., or PO Box No.: **Dinwiddie Cattle Company**
PO Box 374
City, State, ZIP+4: **Roswell, NM 88202**
PS Form 3800, 4-2009 For Instructions

U.S. Postal Service[®]
CERTIFIED MAIL[®] RECEIPT
(Domestic Mail Only; No Insurance Coverage Provided)

For delivery information visit our website at www.usps.com.

OFFICIAL USE

Postage	\$ 1.50
Certified Fee	\$ 2.50
Return Receipt Fee (Endorsement Required)	\$ 2.30
Restricted Delivery Fee (Endorsement Required)	\$ 3.00
Total Postage & Fees	\$ 9.30



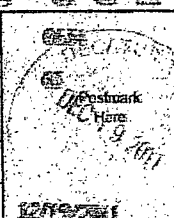
Sent To: _____
Street, Apt. No., or PO Box No.: **Betty Amonte**
4812 St Andrews Ave
City, State, ZIP+4: **Leesburg, FL 34748**
PS Form 3800, 4-2009 For Instructions

U.S. Postal Service[®]
CERTIFIED MAIL[®] RECEIPT
(Domestic Mail Only; No Insurance Coverage Provided)

For delivery information visit our website at www.usps.com.

OFFICIAL USE

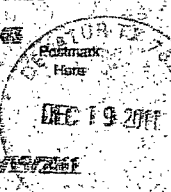
Postage	\$ 1.50
Certified Fee	\$ 2.50
Return Receipt Fee (Endorsement Required)	\$ 2.30
Restricted Delivery Fee (Endorsement Required)	\$ 3.00
Total Postage & Fees	\$ 9.30

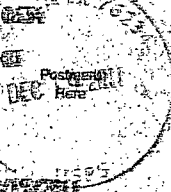



Sent To: _____
Street, Apt. No., or PO Box No.: **W Winfield Smith Jr.**
4614 Parmele Rd.
City, State, ZIP+4: **Castlehaven, NC 28429**
PS Form 3800, 4-2009 For Instructions

Exhibit "C"

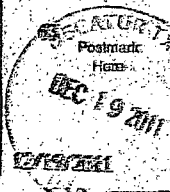
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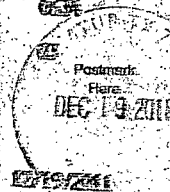
CERTIFIED MAIL RECEIPT (Domestic Mail Only; No Insurance Coverage Provided)		
For delivery information visit our website at www.usps.com		
OFFICIAL USE		
Postage	\$ 4.00	
Certified Fee	2.25	
Return Receipt Fee (Endorsement Required)	2.30	
Restricted Delivery Fee (Endorsement Required)	3.00	
Total Postage & Fees	\$ 9.55	
Sent To: Mary Ann Prall 904 S. Brie Ave. Tulsa, OK 74112		
PS Form 3800, August 2010 See Reverse for Instructions		

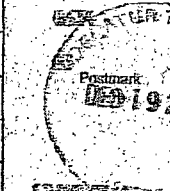
U.S. Postal Service CERTIFIED MAIL RECEIPT (Domestic Mail Only; No Insurance Coverage Provided)		
For delivery information visit our website at www.usps.com		
OFFICIAL USE		
Postage	\$ 4.00	
Certified Fee	2.25	
Return Receipt Fee (Endorsement Required)	2.30	
Restricted Delivery Fee (Endorsement Required)	3.00	
Total Postage & Fees	\$ 9.55	
Sent To: Ellis Rudy Inc. 22499 Imperial Valley Dr. Houston, TX 77073		
PS Form 3800, August 2010 See Reverse for Instructions		

U.S. Postal Service CERTIFIED MAIL RECEIPT (Domestic Mail Only; No Insurance Coverage Provided)		
For delivery information visit our website at www.usps.com		
OFFICIAL USE		
Postage	\$ 4.00	
Certified Fee	2.25	
Return Receipt Fee (Endorsement Required)	2.30	
Restricted Delivery Fee (Endorsement Required)	3.00	
Total Postage & Fees	\$ 9.55	
Sent To: Richard John Shaughnessy 2611 S. Trenton Ave. Tulsa, OK 74114		
PS Form 3800, August 2010 See Reverse for Instructions		

7010 0290 0002 2724 0736

CERTIFIED MAIL RECEIPT (Domestic Mail Only; No Insurance Coverage Provided)		
For delivery information visit our website at www.usps.com		
OFFICIAL USE		
Postage	\$ 4.00	
Certified Fee	2.25	
Return Receipt Fee (Endorsement Required)	2.30	
Restricted Delivery Fee (Endorsement Required)	3.00	
Total Postage & Fees	\$ 9.55	
Sent To: Cyril Verret 2400 Dietz Lake Charles, LA 70601		
PS Form 3800, August 2010 See Reverse for Instructions		

U.S. Postal Service CERTIFIED MAIL RECEIPT (Domestic Mail Only; No Insurance Coverage Provided)		
For delivery information visit our website at www.usps.com		
OFFICIAL USE		
Postage	\$ 4.00	
Certified Fee	2.25	
Return Receipt Fee (Endorsement Required)	2.30	
Restricted Delivery Fee (Endorsement Required)	3.00	
Total Postage & Fees	\$ 9.55	
Sent To: James Michael Dudley 7 Whitmoor Ct. St. Charles, MO 63304		
PS Form 3800, August 2010 See Reverse for Instructions		

U.S. Postal Service CERTIFIED MAIL RECEIPT (Domestic Mail Only; No Insurance Coverage Provided)		
For delivery information visit our website at www.usps.com		
OFFICIAL USE		
Postage	\$ 4.00	
Certified Fee	2.25	
Return Receipt Fee (Endorsement Required)	2.30	
Restricted Delivery Fee (Endorsement Required)	3.00	
Total Postage & Fees	\$ 9.55	
Sent To: O W. Sirvin, Estate Arvest Trust Company, Trustee C/o Connie Jenkins 200 E. Main Norman, OK 73069		
PS Form 3800, August 2010 See Reverse for Instructions		

CERTIFIED MAIL RECEIPT
(Domestic Mail Only; No Insurance Coverage Provided)

For delivery information visit our website at www.usps.com.

OFFICIAL USE

Postage	\$ 1.02
Certified Fee	\$ 2.50
Return Receipt Fee (Endorsement Required)	\$ 2.35
Restricted Delivery Fee (Endorsement Required)	\$ 0.00
Total Postage & Fees	\$ 5.87

Sent To: **Phillip Julian Erickson**
303 Northern Blvd
St James NY

Street, Apt. No. or PO Box No.
City, State, ZIP

PS Form 3800, August 2000 For Instructions

CERTIFIED MAIL RECEIPT
(Domestic Mail Only; No Insurance Coverage Provided)

For delivery information visit our website at www.usps.com.

OFFICIAL USE

Postage	\$ 1.02
Certified Fee	\$ 2.50
Return Receipt Fee (Endorsement Required)	\$ 2.35
Restricted Delivery Fee (Endorsement Required)	\$ 0.00
Total Postage & Fees	\$ 5.87

Sent To: **Clyde C. Smith**
355 Chelsea Circle, NE
Atlanta, GA 30307

Street, Apt. No. or PO Box No.
City, State, ZIP

PS Form 3800, August 2000 For Instructions

U.S. Postal Service
CERTIFIED MAIL RECEIPT
(Domestic Mail Only; No Insurance Coverage Provided)

For delivery information visit our website at www.usps.com.

OFFICIAL USE

Postage	\$ 1.02
Certified Fee	\$ 2.50
Return Receipt Fee (Endorsement Required)	\$ 2.35
Restricted Delivery Fee (Endorsement Required)	\$ 0.00
Total Postage & Fees	\$ 5.87

Sent To: **Brenda Bowers Shafer**
P. O. Box 220355
El Paso, TX 79913

Street, Apt. No. or PO Box No.
City, State, ZIP

PS Form 3800, August 2000 For Instructions

U.S. Postal Service
CERTIFIED MAIL RECEIPT
(Domestic Mail Only; No Insurance Coverage Provided)

For delivery information visit our website at www.usps.com.

OFFICIAL USE

Postage	\$ 1.02
Certified Fee	\$ 2.50
Return Receipt Fee (Endorsement Required)	\$ 2.35
Restricted Delivery Fee (Endorsement Required)	\$ 0.00
Total Postage & Fees	\$ 5.87

Sent To: **T. Wooten Jr.**
936 Chester Circle Dr.
Fayetteville, NC 28303

Street, Apt. No. or PO Box No.
City, State, ZIP

PS Form 3800, August 2000 For Instructions

U.S. Postal Service
CERTIFIED MAIL RECEIPT
(Domestic Mail Only; No Insurance Coverage Provided)

For delivery information visit our website at www.usps.com.

OFFICIAL USE

Postage	\$ 1.02
Certified Fee	\$ 2.50
Return Receipt Fee (Endorsement Required)	\$ 2.35
Restricted Delivery Fee (Endorsement Required)	\$ 0.00
Total Postage & Fees	\$ 5.87

Sent To: **Judy Ann Gergen**
2820 N. Meridian St.
Indianapolis, IN 46208

Street, Apt. No. or PO Box No.
City, State, ZIP

PS Form 3800, August 2000 For Instructions

U.S. Postal Service
CERTIFIED MAIL RECEIPT
(Domestic Mail Only; No Insurance Coverage Provided)

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OFFICIAL USE

Postage	\$ 1.02
Certified Fee	\$ 2.50
Return Receipt Fee (Endorsement Required)	\$ 2.35
Restricted Delivery Fee (Endorsement Required)	\$ 0.00
Total Postage & Fees	\$ 5.87

Sent To: **Archie & Clarabelle Smith Rev. Trust**
C/o Archie D. Smith, Jr., Trustee
713 Vista Verde Way
Bakersfield, CA 93309

Street, Apt. No. or PO Box No.
City, State, ZIP

PS Form 3800, August 2000 For Instructions

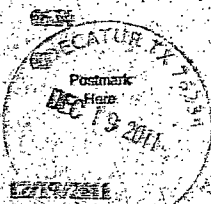
Exhibit "G"

CERTIFIED MAIL RECEIPT
(Domestic Mail Only; No Insurance Coverage Provided)

For delivery information visit our website at www.usps.com.

OFFICIAL USE

Postage	\$	\$1.50
Certified Fee		\$2.25
Return Receipt Fee (Endorsement Required)		\$2.25
Restricted Delivery Fee (Endorsement Required)		\$3.00
Total Postage & Fees	\$	\$7.00



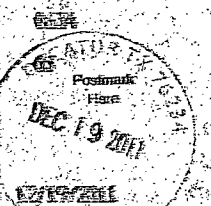
Sent To: **Mid-Brook Royalty Company**
Street, Apt. or PO Box: **P. O. Box 700180**
City, State, ZIP: **Tulsa, OK 74170**

U.S. Postal Service
CERTIFIED MAIL RECEIPT
(Domestic Mail Only; No Insurance Coverage Provided)

For delivery information visit our website at www.usps.com.

OFFICIAL USE

Postage	\$	\$1.50
Certified Fee		\$2.25
Return Receipt Fee (Endorsement Required)		\$2.25
Restricted Delivery Fee (Endorsement Required)		\$3.00
Total Postage & Fees	\$	\$7.00



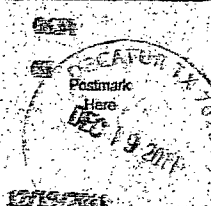
Sent To: **John Warren Enckson**
Street, Apt. No. or PO Box No.: **711 S. Quebec**
City, State, ZIP: **Tulsa, OK 74112**

U.S. Postal Service
CERTIFIED MAIL RECEIPT
(Domestic Mail Only; No Insurance Coverage Provided)

For delivery information visit our website at www.usps.com.

OFFICIAL USE

Postage	\$	\$1.50
Certified Fee		\$2.25
Return Receipt Fee (Endorsement Required)		\$2.25
Restricted Delivery Fee (Endorsement Required)		\$3.00
Total Postage & Fees	\$	\$7.00



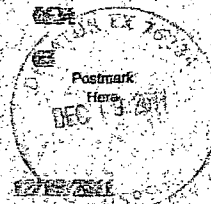
Sent To: **Lillian June Klawitter**
Street, Apt. No. or PO Box No.: **3344 Horsman Rd.**
City, State, ZIP: **Berger, MO 63014**

CERTIFIED MAIL RECEIPT
(Domestic Mail Only; No Insurance Coverage Provided)

For delivery information visit our website at www.usps.com.

OFFICIAL USE

Postage	\$	\$1.50
Certified Fee		\$2.25
Return Receipt Fee (Endorsement Required)		\$2.25
Restricted Delivery Fee (Endorsement Required)		\$3.00
Total Postage & Fees	\$	\$7.00



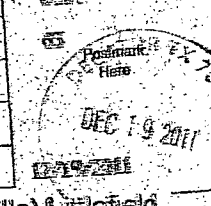
Sent To: **The Ida Bell Hunt Trust**
Street, Apt. or PO Box: **Anna Beth McIntyre, Trustee**
City, State, ZIP: **1503 Ridgeway Dr. Temple, TX 76502**

U.S. Postal Service
CERTIFIED MAIL RECEIPT
(Domestic Mail Only; No Insurance Coverage Provided)

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OFFICIAL USE

Postage	\$	\$1.50
Certified Fee		\$2.25
Return Receipt Fee (Endorsement Required)		\$2.25
Restricted Delivery Fee (Endorsement Required)		\$3.00
Total Postage & Fees	\$	\$7.00



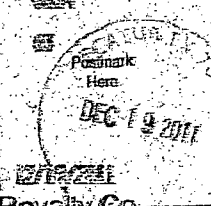
Sent To: **Mary Elinor (Marelle) Littlefield**
Street, Apt. No. or PO Box No.: **3645 S. Atlanta Pl.**
City, State, ZIP: **Tulsa, OK 74133**

U.S. Postal Service
CERTIFIED MAIL RECEIPT
(Domestic Mail Only; No Insurance Coverage Provided)

For delivery information visit our website at www.usps.com.

OFFICIAL USE

Postage	\$	\$1.50
Certified Fee		\$2.25
Return Receipt Fee (Endorsement Required)		\$2.25
Restricted Delivery Fee (Endorsement Required)		\$3.00
Total Postage & Fees	\$	\$7.00



Sent To: **The Pitts Family Royalty Co.**
Street, Apt. No. or PO Box No.: **C/o Bank of Oklahoma, N.A. P. O. Box 3499**
City, State, ZIP: **Tulsa, OK 74101**

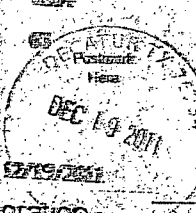
Exhibit "G"

Exhibit 6

CERTIFIED MAIL RECEIPT
(Domestic Mail Only; No Insurance Coverage Provided)

For delivery information visit our website at www.usps.com

OFFICIAL USE

Postage	\$ 1.25	
Certified Fee	2.25	
Return Receipt Fee (Endorsement Required)	2.25	
Restricted Delivery Fee (Endorsement Required)	6.00	
Total Postage & Fees	\$ 11.75	

PS Form 3800, August 2004 See Reverse for Instructions

U.S. Postal Service
CERTIFIED MAIL RECEIPT
(Domestic Mail Only; No Insurance Coverage Provided)

For delivery information visit our website at www.usps.com

OFFICIAL USE


Sent To: **Devon Energy Corporation**
20 North Broadway
Oklahoma city, Ok 73102-8260

Street, Apt. No. or PO Box No.
City, State, ZIP+4

CERTIFIED MAIL RECEIPT
(Domestic Mail Only; No Insurance Coverage Provided)

For delivery information visit our website at www.usps.com

OFFICIAL USE

Postage	\$ 1.25	
Certified Fee	2.25	
Return Receipt Fee (Endorsement Required)	2.25	
Restricted Delivery Fee (Endorsement Required)	6.00	
Total Postage & Fees	\$ 11.75	

PS Form 3800, August 2004 See Reverse for Instructions

U.S. Postal Service
CERTIFIED MAIL RECEIPT
(Domestic Mail Only; No Insurance Coverage Provided)

For delivery information visit our website at www.usps.com

OFFICIAL USE


Sent To: **District 1**
New Mexico Oil Conservation Division
1625 N French Dr
Hobbs, NM 88240-9273

Street, Apt. No. or PO Box No.
City, State, ZIP+4

CERTIFIED MAIL RECEIPT
(Domestic Mail Only; No Insurance Coverage Provided)

For delivery information visit our website at www.usps.com

OFFICIAL USE

Postage	\$ 1.25	
Certified Fee	2.25	
Return Receipt Fee (Endorsement Required)	2.25	
Restricted Delivery Fee (Endorsement Required)	6.00	
Total Postage & Fees	\$ 11.75	

PS Form 3800, August 2004 See Reverse for Instructions

U.S. Postal Service
CERTIFIED MAIL RECEIPT
(Domestic Mail Only; No Insurance Coverage Provided)

For delivery information visit our website at www.usps.com

OFFICIAL USE

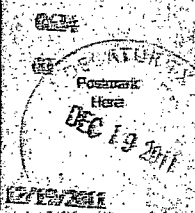
Sent To: **Mary McSparran Sulton**
3912 S. Trenton Ave.
Tulsa, OK 74105

Street, Apt. No. or PO Box No.
City, State, ZIP+4

CERTIFIED MAIL RECEIPT
(Domestic Mail Only; No Insurance Coverage Provided)

For delivery information visit our website at www.usps.com

OFFICIAL USE

Postage	\$ 1.25	
Certified Fee	2.25	
Return Receipt Fee (Endorsement Required)	2.25	
Restricted Delivery Fee (Endorsement Required)	6.00	
Total Postage & Fees	\$ 11.75	

PS Form 3800, August 2004 See Reverse for Instructions

U.S. Postal Service
CERTIFIED MAIL RECEIPT
(Domestic Mail Only; No Insurance Coverage Provided)

For delivery information visit our website at www.usps.com

OFFICIAL USE

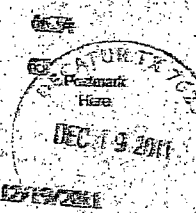
Sent To: **St. Joseph Residence, Inc.**
P. O. Box 6429
Tulsa, OK 74148

Street, Apt. No. or PO Box No.
City, State, ZIP+4

CERTIFIED MAIL RECEIPT
(Domestic Mail Only; No Insurance Coverage Provided)

For delivery information visit our website at www.usps.com

OFFICIAL USE

Postage	\$ 1.25	
Certified Fee	2.25	
Return Receipt Fee (Endorsement Required)	2.25	
Restricted Delivery Fee (Endorsement Required)	6.00	
Total Postage & Fees	\$ 11.75	

PS Form 3800, August 2004 See Reverse for Instructions

U.S. Postal Service
CERTIFIED MAIL RECEIPT
(Domestic Mail Only; No Insurance Coverage Provided)

For delivery information visit our website at www.usps.com

OFFICIAL USE

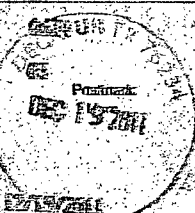
Sent To: **Edward A. Bowers**
4405 Bradley Lane
Arlington, TX 76017

Street, Apt. No. or PO Box No.
City, State, ZIP+4

CERTIFIED MAIL RECEIPT
(Domestic Mail Only; No Insurance Coverage Provided)

For delivery information visit our website at www.usps.com

OFFICIAL USE

Postage	\$ 1.25	
Certified Fee	2.25	
Return Receipt Fee (Endorsement Required)	2.25	
Restricted Delivery Fee (Endorsement Required)	6.00	
Total Postage & Fees	\$ 11.75	

PS Form 3800, August 2004 See Reverse for Instructions

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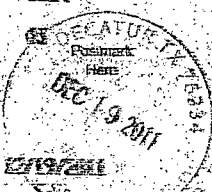
Sent To: **Velma Dittmer**
3525 W. Ottawa St
Cranfordville, IN 47933

Street, Apt. No. or PO Box No.
City, State, ZIP+4

Exhibit "G"

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Postage	\$ 1.00
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Return Receipt Fee (Endorsement Required)	\$ 2.50
Restricted Delivery Fee (Endorsement Required)	\$ 2.50
Total Postage & Fees	\$ 7.50



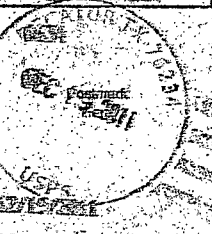
Sent To: **James H. Bearly**
4205 Old Farm Rd
Oklahoma City, OK 73120

PS Form 3800, August 2005

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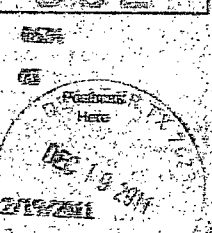
Sent To: **Yates Petroleum Corporation**
105 South Fourth Street
Artesia, NM 88210

PS Form 3800, August 2005

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Sent To: **Bureau of Land Management**
602 E Green Street
Carlsbad, NM 88220

PS Form 3800, August 2005

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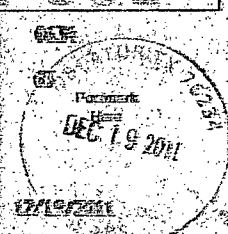
Sent To: **David A. Lynch**
PO Box 1904
Lovington, NM 88260

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Sent To: **Chevron USA Inc**
15 Smith Road
Midland, TX 79705

PS Form 3800, August 2005

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Total Postage & Fees	\$ 7.50



Sent To: **New Mexico State Land Office**
Oil, Gas, Mineral Division
PO Box 1148
Santa Fe, NM 87504-1148

PS Form 3800, August 2005

Jones, William V., EMNRD

From: billy@pwllc.net
Sent: Monday, September 19, 2011 8:14 AM
To: Jones, William V., EMNRD
Subject: RE: Disposal application from Unified Operating LLC: West Jal "B" Deep #1 30-025-25046 H/Sec17/T25S/R36E Yates/SevenRivers 3790 to 4165 feet

Will, We will drop the application for the Yates/7 Rivers disposal and re apply for SWD in a different zone.
Thanks
BEP

----- Original Message -----

Subject: Disposal application from Unified Operating LLC: West Jal "B"
Deep #1 30-025-25046 H/Sec17/T25S/R36E Yates/SevenRivers 3790 to
4165 feet

From: "Jones, William V., EMNRD" <William.V.Jones@state.nm.us>
Date: Tue, August 23, 2011 11:10 am
To: "billy@pwllc.net" <billy@pwllc.net>
Cc: "Ezeanyim, Richard, EMNRD" <richard.ezeanyim@state.nm.us>,
"Warnell, Terry G, EMNRD" <TerryG.Warnell@state.nm.us>, "Kautz, Paul,
EMNRD" <paul.kautz@state.nm.us>, "Wesley_Ingram@blm.gov"
<Wesley_Ingram@blm.gov>

Hello Bill,
Just reviewed your application.

It appears the well site is Fee and Dinwiddie Cattle Co out of Roswell is grazing it. Who actually is the surface owner or owners?

The notice to Chevron was to Houston – would you resend to the Midland office?

Let me know the newspaper date of publish and a copy of the ad – you said this already.

The offsetting plugged well has surface pipe set too high as compared to the depth of the ground water – just a comment.

This is laterally covered by the Capitan Reef and vertically located either in it or on top of it. My HISS map of this area shows protectable waters in the Yates formation. The cement job on the 13-3/8 inch set at 5210 feet shows cement efficiency about 36 percent – so those depths most likely include some vuggy limes.

That likelihood of this interval in the subject well being communicated to the Capitan Reef and the probable low water salinities would make this application un-approvable administratively. It would be feasible for your client to extensively swab to determine if waters near this well were actually above 10,000 mg/l TDS, but it would be much harder to prove this interval is not hydraulically connected to the Reef.

I would suggest there is an option of using the subject well to dispose of waste waters into the "Delaware" or whatever they call it from depths of 5231 to 6823 feet. These exact depths would need to be noticed because of the offsetting well having this as an unprotected open hole section over those depths.

Regards,

William V Jones, P.E.

Engineering, Oil Conservation Division
1220 South St. Francis Drive, Santa Fe, NM 87505
Tel 505.476.3448 ~ Fax 505.476.3462



Jones, William V., EMNRD

From: billy@pwllc.net
Sent: Tuesday, August 23, 2011 2:39 PM
To: Jones, William V., EMNRD
Cc: Ezeanyim, Richard, EMNRD; Warnell, Terry G, EMNRD; Kautz, Paul, EMNRD; Wesley_Ingram@blm.gov
Subject: RE: Disposal application from Unified Operating LLC: West Jal "B" Deep #1 30-025-25046 H/Sec17/T25S/R36E Yates/SevenRivers 3790 to 4165 feet

Will, Thanks for the note. The surface owner is Dinwiddie Cattle Company. The legal notice should have ran in Hobbs paper on Aug 17th. I will send when recd. I will discuss the options with my client.

Thanks

Billy (Bill) E. Prichard
Pueblo West Consulting
125 Greathouse Village
Decatur, TX 76234
432-934-7680 cellular
940-627-5449 fax
email; billy@pwllc.net
www.pwllc.net

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Jones, William V., EMNRD

From: Jones, William V., EMNRD
Sent: Tuesday, August 23, 2011 12:10 PM
To: 'billy@pwllc.net'
Cc: Ezeanyim, Richard, EMNRD; Warnell, Terry G, EMNRD; Kautz, Paul, EMNRD; 'Wesley_Ingram@blm.gov'
Subject: Disposal application from Unified Operating LLC: West Jal "B" Deep #1 30-025-25046 H/Sec17/T25S/R36E Yates/SevenRivers 3790 to 4165 feet

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1220 South St. Francis Drive, Santa Fe, NM 87505
Tel 505.476.3448 ~ Fax 505.476.3462



Jones, William V., EMNRD

From: Jones, William V., EMNRD
Sent: Thursday, December 29, 2011 2:34 PM
To: 'billy@pwllc.net'
Cc: 'Wesley_Ingram@blm.gov'; Kautz, Paul, EMNRD
Subject: Disposal application from Unified Operating, LLC: West Jal B Deep #1 30-025-25046 Fusselman from 16411 to 16670 feet

Hello Bill,
Hope the holidays went well.

I reviewed this application and have a few questions and comments – and passing on some concerns of the offsetting mineral interest owner (BLM).

- a. Quite a history on this well. The records show the Strawn was first produced, then the Fusselman, then the Wolfcamp. The 7-3/4 inch liner has been perforated in the Wolfcamp, Strawn, and Atoka. Some perfs may need to be squeezed.
- b. The Wolfcamp perfs seem to have been open for the past several years with no production. Was there any reason this well was not plugged or recompleted prior to now?
- c. This entire area and vertical interval seems to be gas productive, mainly from the Strawn, but the Fusselman and Wolfcamp were produced for a short time. I believe the Atoka was a target in this area. The Devonian was DSTed with 8000 feet of blanket, but not tested that I can see. Why did Unified Operating pick the Fusselman and not propose to include the Devonian in this application for disposal? The Strawn seems to have the best permeability of any of these – is that correct?.. or is the Strawn another limited reservoir?
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- f. Please send a writeup from an experienced geologist familiar with this area about this Fusselman reservoir and its possible extent. Ask the geologist to include an interpreted structure map if possible and estimated original gas-water contact. We would like to have an idea what this structure may look like prior to approving for disposal in the depleted Fusselman gas reservoir.

Jones, William V., EMNRD

From: billy@pwllc.net
Sent: Thursday, December 29, 2011 3:01 PM
To: Jones, William V., EMNRD
Cc: Wesley_Ingram@blm.gov; Kautz, Paul, EMNRD
Subject: RE: Disposal application from Unified Operating, LLC: West Jal B Deep #1 30-025-25046 Fusselman from 16411 to 16670 feet

Will, All open perforations above the Fusselman would be cement squeezed to establish Mechanical Integrity of the Annulus. On advise from an engineer, the Devonian was to tight to take water. It will take a few days, but we will answer all of your questions as soon as possible.

Thanks

Billy (Bill) E. Prichard
Pueblo West Consulting
125 Greathouse Village
Decatur, TX 76234
432-934-7680 cellular
940-627-5449 fax
email; billy@pwllc.net
www.pwllc.net

----- Original Message -----

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Date: Thu, December 29, 2011 3:34 pm
To: "billy@pwllc.net" <billy@pwllc.net>
Cc: "Wesley_Ingram@blm.gov" <Wesley_Ingram@blm.gov>, "Kautz, Paul,
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Jones, William V., EMNRD

From: billy@pwllc.net
Sent: Monday, March 19, 2012 1:20 PM
To: Jones, William V., EMNRD
Subject: RE: Disposal application from Unified Operating, LLC: West Jal B Deep #1 30-025-25046 Fusselman from 16411 to 16670 feet

Will, Is there any movement on the administrative approval of this SWD application? Any help you can provide would be appreciated.
Thanks

Billy (Bill) E. Prichard
Pueblo West Consulting
125 Greathouse Village
Decatur, TX 76234
432-934-7680 cellular
940-627-0086 fax
email; billy@pwllc.net
www.pwllc.net

----- Original Message -----

Subject: Disposal application from Unified Operating, LLC: West Jal B Deep #1 30-025-25046 Fusselman from 16411 to 16670 feet
From: "Jones, William V., EMNRD" <William.V.Jones@state.nm.us>
Date: Thu, December 29, 2011 3:34 pm
To: "billy@pwllc.net" <billy@pwllc.net>
Cc: "Wesley_Ingram@blm.gov" <Wesley_Ingram@blm.gov>, "Kautz, Paul, EMNRD" <paul.kautz@state.nm.us>

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Thank You,

Will Jones

New Mexico

Oil Conservation Division

Images Contacts

Jones, William V., EMNRD

From: Jones, William V., EMNRD
Sent: Thursday, April 05, 2012 2:27 PM
To: 'Wesley_Ingram@blm.gov'; Kautz, Paul, EMNRD
Subject: FW: Disposal application from Unified Operating, LLC: West Jal B Deep #1 30-025-25046 Fusselman from 16411 to 16670 feet
Attachments: Smith Unified Operating ltr 2-21-12.doc; Map #1 West Jal Deep B Evaluation.pdf

Wesley
– did you get any feedback from your geologists on this one?
If not, I guess I will release it...

Will Jones
New Mexico
Oil Conservation Division
[Images](#) [Contacts](#)

From: Jones, William V., EMNRD
Sent: Monday, March 19, 2012 6:13 PM
To: 'Wesley_Ingram@blm.gov'; Kautz, Paul, EMNRD
Cc: Ezeanyim, Richard, EMNRD
Subject: Disposal application from Unified Operating, LLC: West Jal B Deep #1 30-025-25046 Fusselman from 16411 to 16670 feet

Paul and Wesley,
...what do you think?

My main question to this applicant was whether this reservoir was confined, depleted, and had no other chance of production offsetting these wells – and his geology report indicates that.

Personally, I think injecting water into a gas reservoir will negate any possibility of gas production from any other future wells – which may not be a problem if the two wells are truly depleted and his report is correct.

The other thing is injection of water into a gas reservoir may be EXTREMELY TIGHT – but I could be wrong on that. The Strawn looks best to me as far as permeability, after reviewing the well records, but the Strawn is so compartmentalized....

However, I am not a geologist and Paul you are an expert and Wesley, you have geologists to talk to.

I will wait on both of you to comment.

Will Jones
New Mexico

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Will Jones
New Mexico
Oil Conservation Division
Images Contacts

From: billy@pwllc.net [mailto:billy@pwllc.net]
Sent: Tuesday, February 21, 2012 4:46 PM
To: Jones, William V., EMNRD
Cc: Wesley_Ingram@blm.gov; Kautz, Paul, EMNRD
Subject: RE: Disposal application from Unified Operating, LLC: West Jal B Deep #1 30-025-25046 Fusselman from 16411 to 16670 feet

Will, Attached is study done by Jeffry Smith, geologist concerning your questions concerning the SWD application of Unified Operating. I hope that these attachments will answer your questions concerning the West Jal B Deep # 1.

Thanks
Billy (Bill) E. Prichard
Pueblo West Consulting

125 Greathouse Village
Decatur, TX 76234
432-934-7680 cellular
email; billy@pwllc.net
www.pwllc.net

----- Original Message -----

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Cc: "[Wesley Ingram@blm.gov](mailto:Wesley_Ingram@blm.gov)" <[Wesley Ingram@blm.gov](mailto:Wesley_Ingram@blm.gov)>, "Kautz, Paul,
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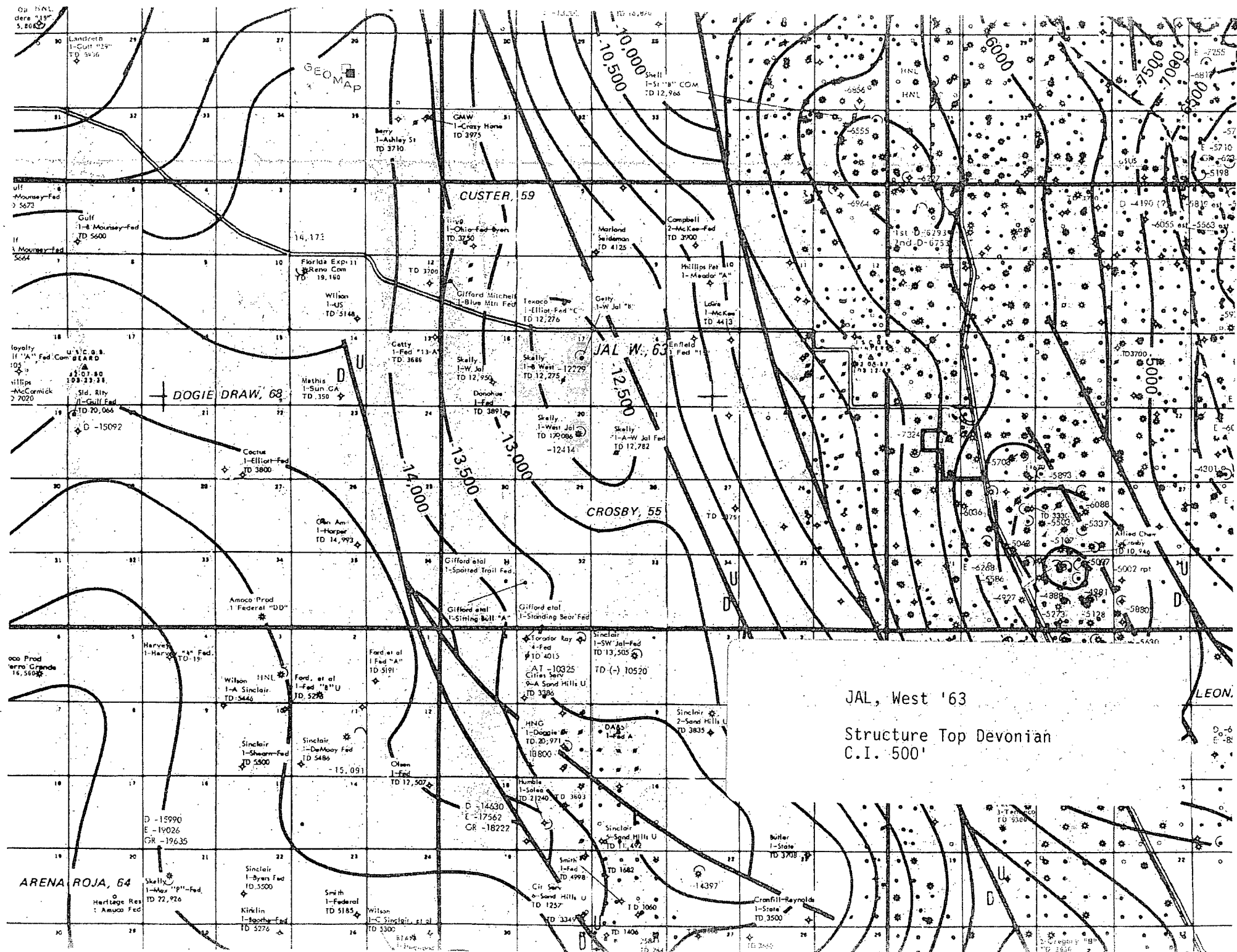
Thank You,

Will Jones

New Mexico

Oil Conservation Division

Images Contacts



Unified Operating, LLC. #1 West Jal Deep "B"
API No. 30-025-20857 S. 17T25SR36E
Lea, County, New Mexico

Geology Pertinent to SWD Application

Geologic Setting

The subject well is on a small structure slightly west of the Central Basin Platform. The Jal, West Field was discovered in 1963 and has produced from at least five distinct, recognizable stratigraphic horizons. Production was mostly natural gas which is typical of fields similarly situated in the updip region of the Delaware Basin.

Strawn

Strawn age rocks were deposited on a broad, shallow carbonate-dominated platform. Examination of all the logs within an approximate two mile radius of the subject well reveals typical intermittent porosity. Sonic tools (which do not measure secondary porosity) average very low values throughout most of the interval. There are occasional thin porosity zones developed but they don't carry from well to well. Most likely, thin, non-observable fractures are primarily responsible for the reservoir development.

Devonian

The Devonian consists entirely of a thick, non-porous, non-permeable limestone. It is not at all suitable for water disposal.

Fusselman

This zone consists primarily of porous, highly fractured dolomite with some intercalated limestone intervals. The boundary between the Fusselman and Devonian (actually middle Silurian) is an uncomfortable erosion surface represented by weathered, altered rocks. The altered zone was perforated and produced in the subject well and was denominated as Fusselman. The true Fusselman dolomite lies below this zone and starts at 16,450' but the zones are assuredly communicated. The other listed Fusselman producer - Skelly West Jal Unit #1, Section 20. Adjacent to the south - did not perforate the altered, unconformity zone, only the true Fusselman dolomite to a depth of 16,614' (-13,517'). Experience dictates that deep, fractured dolomites should be perforated as near the top as possible as the entire interval will be vertically

communicated. Further, they do not readily lend themselves to log analysis as the resistivities are uniformly high and fractured rocks usually suffer excessive invasion. Estimating an original (or current) gas-water contact is problematic. This type of reservoir has a substantial transition zone. Although the West Jal Unit perforated to -13,517', that depth can't be taken to be an original gas-water contact. The top perforation was 16,449' (13,352') and the well is presumably watered out at that depth. The West Jal "B" Deep (subject well) perforated from 16,411' (-13,260') to 16,439' (-13,288'). The lowest perforation in this well is 64 feet higher than the highest perforation in the offset. The Fusselman has been abandoned in both wells so it is reasonable to assume that the current gas-water contact should approximate the highest (-13,260') perforation.

Structure

The producing structure orients NW-SE and is set up and closed off by a sympathetic (to the CBP) fault of the same orientation. Areal extent at the Fusselman horizon is estimated at two sections - ± 1300 acres. There is evidence of at least two episodic tiltings. The subject well is 177 feet high to the offset at the top of Devonian but only 30 feet at the Fusselman dolomite.

Immediately post Fusselman, the "Deep" well was elevated as the altered zone is 60 feet thick at the unconformity while it is 176 feet thick in Section 20. A reversal and elevating tilt occurred pre-Woodford as the Devonian is 1010 feet thick in subject well and only 746 feet in offset. Prior to Woodford deposition, West Jal Unit in Section 20 was clearly the higher of the two. The last reversal probably occurred during Penn time and has resulted in subject well occupying the highest structural position.

It is known that considerable 2-D seismic has been shot in area - indeed, the subject and surrounding wells were drilled on this basis. Allowing that the data is of good quality and evaluating the structural plunge based on Strawn tops, it seems highly unlikely that any attractive target could remain for Fusselman gas.

Conclusion

The West Jal Deep "B" #1 is considered to be a suitable well for water injection in the Fusselman formation. The zone has been depleted of gas in both the subject well and the south offset in Section 20. The reservoir consists of fractured dolomite and exhibits both primary and secondary porosity as well as favorable permeability indicators. The structure is a fault induced compressional, doubly-plunging anticline that dips strongly to the northwest and southeast. Geologic evaluation of stratigraphy and structure of the field lead to the conclusion that no remaining Fusselman natural gas reserves are obtainable.

Respectfully submitted,

Jeffrey A. Smith

Texas Licensed Geoscientist #2454

Injection Permit Checklist (11/4/2010)

WFX PMX SWD 1328 Permit Date 4/20/12 UIC Qtr (A) (M/J)

Wells 1 Well Name(s): WEST JAL B Deep #1

API Num: 30-0 25-25046 Spud Date: 6/12/75 New/Old: 0 (UIC primacy March 7, 1982)

Footages 1980 FNL/660 FEL Unit H Sec 17 Tsp 25S Rge 36E County LEA

General Location: 5 mi west of JAL

Operator: UNIFIED OPERATIONS, LLC Contact VICTORIA HIRSCHFELD
BRUCE PRICHARD

OGRID: 281652 RULE 5.9 Compliance (Wells) OK Finan Assur OK IS 5.9 OK? OK

Well File Reviewed STWC oil well Current Status: 2 of 2/27/12

Planned Work to Well:

Diagrams: Before Conversion ✓ After Conversion ✓ Elogs in Imaging File: ✓

Well Details:	SIZES		Setting Depths	Stage Tool	Cement Sx or Cf	Determination Method
	Hole.....	Pipe				
New ___ Existing <u>✓</u> Surface	<u>26</u>	<u>20</u>	<u>767</u>	<u>—</u>	<u>1400+300</u>	<u>CIRC</u>
New ___ Existing <u>✓</u> Interm		<u>13 1/8</u>	<u>5210</u>	<u>NA</u>	<u>5000+300</u>	<u>590 T.S.</u>
New ___ Existing <u>✓</u> LongSt	<u>12 1/4</u>	<u>13 1/4</u>	<u>11,263</u>	<u>7568</u>	<u>750+300</u>	<u>5140 T.S.</u>
New ___ Existing <u>✓</u> Liner	<u>9 1/2</u>	<u>7 1/4</u>	<u>10917-14685</u>	<u>—</u>	<u>1300</u>	<u>T.O.L. ??</u>
New ___ Existing <u>✓</u> LIVER OpenHole	<u>6 1/2</u>	<u>5 1/8</u>	<u>14352-18945</u>	<u>—</u>	<u>750</u>	<u>T.O.L. ??</u>

Depths/Formations: Depths, Ft. Formation Tops?

Formation(s) Above	<u>15381</u> <u>16404</u>	<u>DEVONIAN</u> <u>Fusulin</u>	<u>✓</u> <u>✓</u>
Injection TOP:	<u>16411</u>	<u>Fusulin</u>	Max. PSI <u>3282</u> OpenHole ___ Perfs <u>✓</u>
Injection BOTTOM:	<u>16670</u>	<u>??</u>	Tubing Size ___ Packer Depth <u>16,350'</u>
Formation(s) Below	<u>18318</u>	<u>EVENBUGH</u>	<u>✓</u>

Capitan Reef? ✓ Potash? ✓ Notepad? ✓ WIP? ✓ Noticed? ✓ Salado Top/Bot 1460-3360 Cliff House? ✓

Fresh Water: Depths: <800' Formation Salado Reef Wells? ✓ Analysis? ✓ Affirmative Statement ✓

Disposal Fluid Analysis? ✓ Sources: Commercial

Disposal Interval: Analysis? ✓ Production Potential/Testing: Gas Produced in 2005 UPDIP =

Notice: Newspaper Date 12/16/11 Surface Owner PINWIDDIE Cattle Co Mineral Owner(s) MANY

RULE 26.7(A) Affected Persons: See APPLICATION

AOR: Maps? ✓ Well List? ✓ Producing in Interval? Depleted Wellbore Diagrams? ✓

.....Active Wells 0 Repairs? — Which Wells? —

.....P&A Wells 0 Repairs? — Which Wells? —

Issues: "GAS", structure map for Seismic, Deviant Request Sent — Reply: —