

AE Order Number Banner

Application Number: pMSG2436449206

WFX-1064

MorningStar Operating LLC [330132]



December 05, 2024

Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, New Mexico 87505

RE: Application for Authorization to Inject
OCD Form C-108
State 35 Unit #128
Lea County, New Mexico

MorningStar Operating LLC respectfully requests administrative approval to convert the Vacuum Glorieta West Unit #91, API 30-025-31873, to the State 35 Unit #128 Injection Well, for injection into the San Andres formation. The State 35 Unit #128 is located at 1459' FSL and 1048' FEL, Unit Letter I, Section 35, Township 17S, Range 34E, in Lea County, New Mexico.

MorningStar Operating plans to inject water, CO₂, and produced gas into the San Andres formation. Proposed perforated area: 4611' – 4794', total 120 shots.

Following is the OCD C-108 Application to Inject and other required information. If additional information is needed, please contact me by phone or email below.

Sincerely,

Connie Blaylock

Connie Blaylock
Sr. Regulatory Analyst
TXO Partners, L.P. / MorningStar Operating LLC / Cross Timbers Energy, LLC
Office 817-334-7882
cblaylock@txopartners.com

Revised March 23, 2017

RECEIVED:	REVIEWER:	TYPE:	APP NO:
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ABOVE THIS TABLE FOR OCD DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION
 - Geological & 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

Applicant: _____ **OGRID Number:** _____
Well Name: _____ **API:** _____
Pool: _____ **Pool Code:** _____

**SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION
 INDICATED BELOW**

1) TYPE OF APPLICATION: Check those which apply for [A]

A. Location – Spacing Unit – Simultaneous Dedication

☐ NSL

☐ NSP (PROJECT AREA)

☐ NSP (PRORATION UNIT)

☐ SD

B. Check one only for [I] or [II]

[I] Commingling – Storage – Measurement

☐ DHC

☐ CTB

☐ PLC

☐ PC

☐ OLS

☐ OLM

[II] Injection – Disposal – Pressure Increase – Enhanced Oil Recovery

☐ WFX

☐ PMX

☐ SWD

☐ IPI

☐ EOR

☐ PPR

2) NOTIFICATION REQUIRED TO: Check those which apply.

A. ☐ Offset operators or lease holders

B. ☐ Royalty, overriding royalty owners, revenue owners

C. ☐ Application requires published notice

D. ☐ Notification and/or concurrent approval by SLO

E. ☐ Notification and/or concurrent approval by BLM

F. ☐ Surface owner

G. ☐ For all of the above, proof of notification or publication is attached, and/or,

H. ☐ No notice required

FOR OCD ONLY

☐ Notice Complete

☐ Application
Content
Complete

3) 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.

Print or Type Name

Signature

12/05/2024

Date

Phone Number

e-mail Address

Connie Blaylock

ATTACHMENT TO FORM C-108

RE: State 35 Unit #128

- PART I MorningStar Operating, LLC, plans to recomplete the Vacuum Glorieta West Unit #91 (30-025-31873) to the State 35 Unit #128 as an injection well in the San Andres formation for the purpose of secondary recovery.
- PART II MorningStar Operating, LLC
400 W. 7th St.
Fort Worth, TX 76102
- PART III Well Data Sheets attached
- PART IV This is an expansion of an existing project. NMOCD Order R-10599-B.
- PART V Map attached designating 2 mile and ½ mile radius of review.
- PART VI Well tabulation and P&A schematics attached.
- PART VII
1. Anticipated average rates of 1,000 bwpd or 2,500 mcfpd. Anticipated maximum injection rates of 3,000 bwpd or 7,500 mcfpd.
 2. This will be a closed system.
 3. Injection pressure expected at average surface pressure of 1,500 psi and maximum surface pressure of 1,850 psi.
 4. Previously submitted under NMOCD Order R-10599-B
 5. Application is for secondary recovery.
- PART VIII Previously submitted under NMOCD Order R-10599-B/Case #11523.
- PART IX The stimulation program will be ~9,000 gals of 15% HCL with rock salt as diverter.
- PART X Logs on file with NMOCD for 30-025-31873. Logs filed under NMOCD Order R-10599/Case #11523.
- PART XI Previously submitted under NMOCD Order R-10599/Case #11523 and NMOCD Order R-7103.
- PART XII Application is for secondary recovery.
- PART XIII Copies of the NMOCD Form C-108, the well data sheet, and map have been sent to the offset operators and surface owner as per listing below.

STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL
RESOURCES DEPARTMENT

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, New Mexico 87505

FORM C-108
Revised June 10, 2003

APPLICATION FOR AUTHORIZATION TO INJECT

- I. PURPOSE: ☒ Secondary Recovery ☐ Pressure Maintenance ☐ Disposal ☐ Storage
Application qualifies for administrative approval? ☒ Yes ☐ No
- II. OPERATOR: MORNINGSTAR OPERATING LLC
ADDRESS: 400 W 7TH ST, FORT WORTH, TX 76102
CONTACT PARTY CONNIE BLAYLOCK, REGULATORY ANALYST PHONE: 817-334-7882
- 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 ☐ No
If yes, give the Division order number authorizing the project: Order R-10599-B_
- 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:
- Proposed average and maximum daily rate and volume of fluids to be injected;
 - Whether the system is open or closed;
 - Proposed average and maximum injection pressure;
 - Sources and an appropriate analysis of injection fluid and compatibility with the receiving formation if other than reinjected produced water; and,
 - 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: CONNIE BLAYLOCK TITLE: REGULATORY ANALYST
SIGNATURE: Connie Blaylock DATE: 12/05/2024
E-MAIL ADDRESS: cblaylock@mspartners.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: NMOCD Order R-10599-B./ Case #11523 and Order R-7103

DISTRIBUTION: File Electronically via OCD Permitting

Side 2

III. 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.

Side 1

INJECTION WELL DATA SHEET

OPERATOR: MORNINGSTAR OPERATING, LLCWELL NAME & NUMBER: STATE 35 UNIT #128

WELL LOCATION: 1,459' FSL & 1,048' FEL I 35 17S 34E
 FOOTAGE LOCATION UNIT LETTER SECTION TOWNSHIP RANGE

WELLBORE SCHEMATIC**WELL CONSTRUCTION DATA**Surface Casing

Hole Size: 11" Casing Size: 8-5/8"
 Cemented with: 650 sx. **or** ft³
 Top of Cement: sfc Method Determined: circ

Intermediate Casing

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

Production Casing

Hole Size: 7-7/8" Casing Size: 5-1/2"
 Cemented with: 1,900 sx. **or** ft³
 Top of Cement: sfc Method Determined: circ
 Total Depth: 6,315'

Injection Interval

4,611' feet to 4,794'

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

Side 2

INJECTION WELL DATA SHEETTubing Size: 2-7/8" Lining Material: IPCType of Packer: 5-1/2" nickel plated internally plastic coated injection packer w/ 1.50" ID 'F' SS profilePacker Setting Depth: 4,550'

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

Additional Data

1. Is this a new well drilled for injection? _____ Yes **X** No

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

2. Name of the Injection Formation: San Andres

3. Name of Field or Pool (if applicable): Vacuum-Grayburg-San Andres

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. Previously perforated in the

Glorieta from 5,874' – 6,090'. TA'd and under CIBP @ 5,770' capped w/ 35' cmt.

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

Queen – Top: 3,704'Glorieta – Top: 5,846'

Santa Fe Main Office Phone: (505) 476-3441 Fax: (55) 476-3462 General Information Phone: (505) 629-6116 Online Phone Directory Visit: https://www.emnrd.nm.gov/oed/contact-us	State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION	C-102 Revised July 9, 2024 Submit Electronically via OCD Permitting	
		Submittal Type:	☐ Initial Submittal ☒ Amended Report NEW ZONE ☐ As Drilled

WELL LOCATION INFORMATION

API Number 30-025-31873	Pool Code 62180	Pool Name VACUUM: GRAYBURG-SAN ANDRES
Property Code 331886	Property Name STATE 35 UNIT	Well Number 128
OGRID No. 330132	Operator Name MORNINGSTAR OPERATING LLC	Ground Level Elevation 4010'
Surface Owner: ☒ State ☐ Fee ☐ Tribal ☐ Federal		Mineral Owner: ☒ State ☐ Fee ☐ Tribal ☐ Federal

Surface Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
I	35	17S	34E		1459 FSL	1048 FEL	32.7882042	-103.5261002	LEA

Bottom Hole Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County

Dedicated Acres 40	Infill or Defining Well	Defining Well API	Overlapping Spacing Unit (Y/N)	Consolidation Code
Order Numbers.			Well setbacks are under Common Ownership: ☐ Yes ☐ No	

Kick Off Point (KOP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County

First Take Point (FTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County

Last Take Point (LTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County

Unitized Area or Area of Uniform Interest UNITIZED	Spacing Unit Type ☐ Horizontal ☐ Vertical	Ground Floor Elevation:
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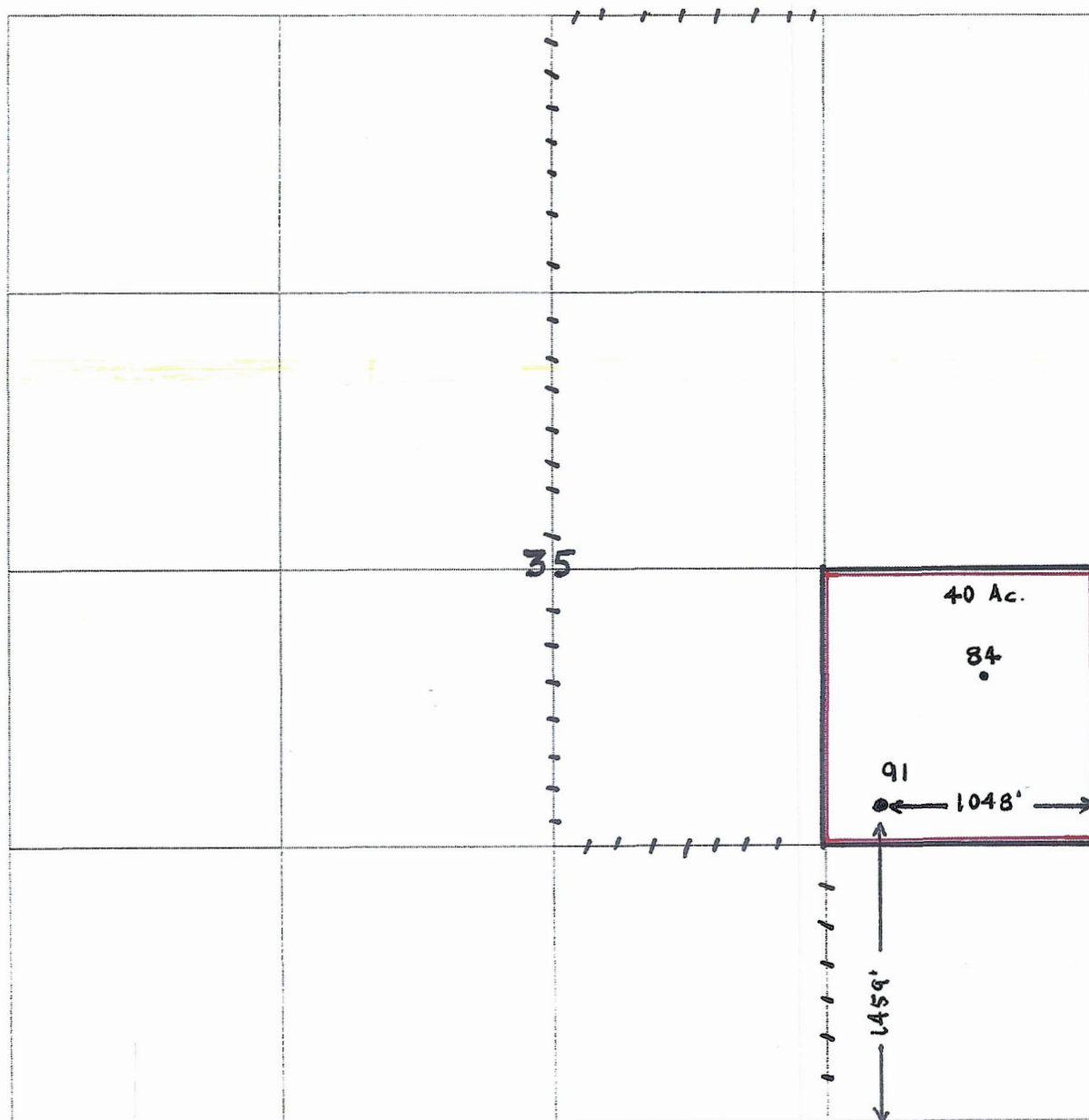
OPERATOR CERTIFICATIONS <i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and, if the well is a vertical or directional well, that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of a working interest or unleased mineral interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</i> <i>If this well is a horizontal well, I further certify that this organization has received the consent of at least one lessee or owner of a working interest or unleased mineral interest in each tract (in the target pool or formation) in which any part of the well's completed interval will be located or obtained a compulsory pooling order from the division.</i>  Signature _____ Date 12/05/2024 CONNIE BLAYLOCK Printed Name _____ cblaylock@mspartners.com Email Address _____	SURVEYOR CERTIFICATIONS <i>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</i> _____ Signature and Seal of Professional Surveyor _____ Certificate Number _____ Date of Survey _____
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Note: No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

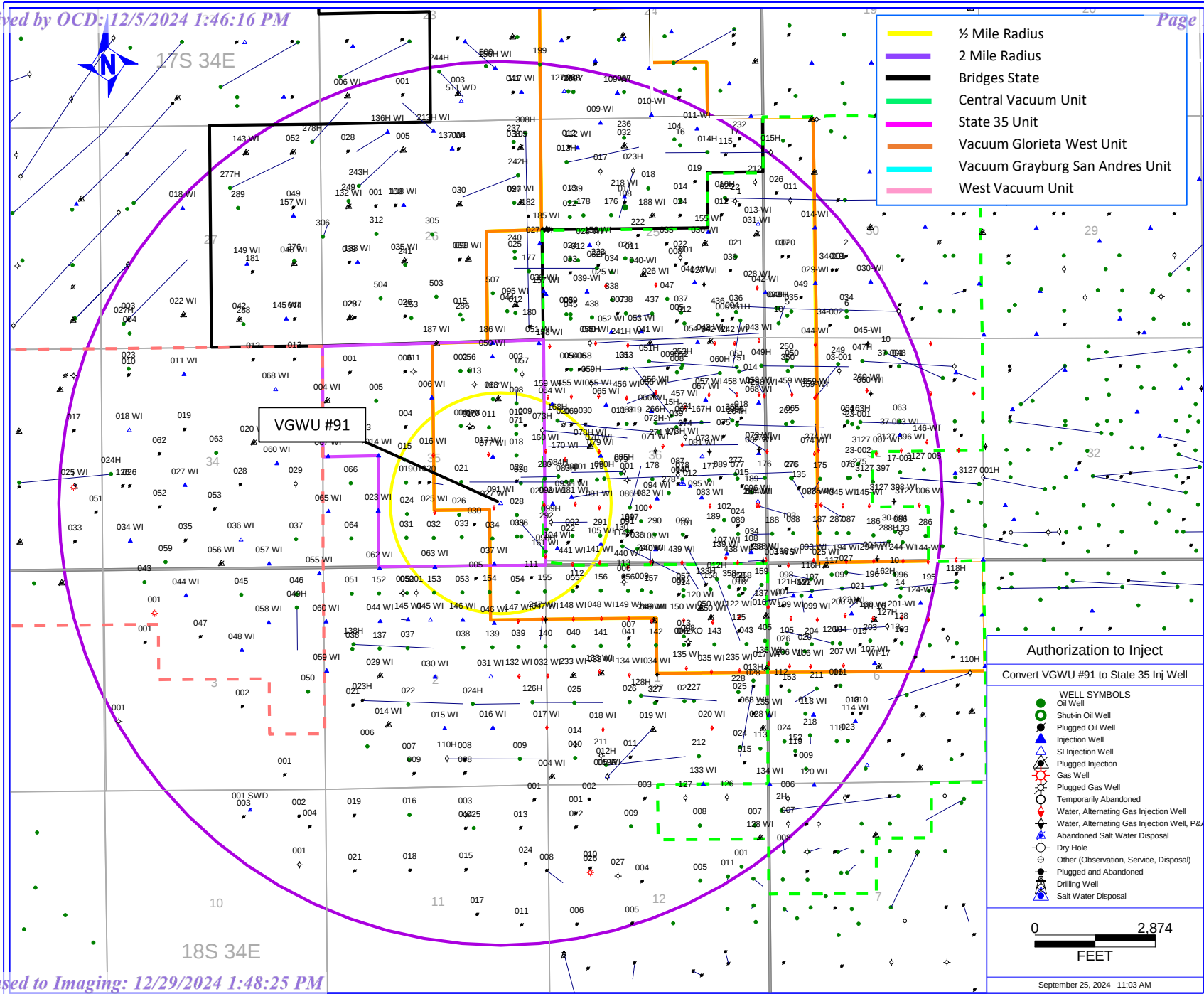
ACREAGE DEDICATION PLATS

This grid represents a standard section. You may superimpose a non-standard section, or larger area, over this grid. Operators must outline the dedicated acreage in a red box, clearly show the well surface location and bottom hole location, if it is directionally drilled, with the dimensions from the section lines in the cardinal directions. If this is a horizontal wellbore show on this plat the location of the First Take Point and Last Take Point, and the point within the Completed interval (other than the First Take Point or Last Take Point) that is closest to any outer boundary of the tract.

Surveyors shall use the latest United States government survey or dependent resurvey. Well locations will be in reference to the New Mexico Principal Meridian. If the land is not surveyed, contact the OCD Engineering Bureau. Independent subdivision surveys will not be acceptable.



30-025-31873, STATE 35 UNIT #128
VACUUM; GRAYBURG SAN ANDRES
LEA COUNTY, NM
OGRID #330132



Wells within 1/2 mile radius of VGWU #91																				
	API	WELL NAME	WELL NO	WELL STATUS	WELL TYPE	WELL DIR	PLUG DATE	SPUD DATE	POOL NAME	FOOTAGES	UNIT LETTER	SEC	TWP	RNG	MD	TVD	ELEV_GR	ELEV_KB	OPERATOR	
1	3002502213	STATE 35 UNIT	012	ACTIVE	OIL	V		3/15/1938	GRAYBURG-SAN ANDRES	1980 FNL, 660 FEL	H	35	17S	34E	4,700	4,700	4,009	4,019	MORNINGSTAR OPER	
2	3002502217	STATE 35 UNIT	010	ACTIVE	OIL	V		2/12/1939	GRAYBURG-SAN ANDRES	1980 FNL, 1980 FEL	G	35	17S	34E	4,695	4,695	4,023	4,033	MORNINGSTAR OPER	
3	3002502219	STATE 35 UNIT	022	P&A	OIL	V	1/4/2000	12/20/1937	GRAYBURG-SAN ANDRES	1980 FSL, 660 FEL	I	35	17S	34E	4,500	4,500	4,002	4,013	PHILLIPS PET	
4	3002502220	STATE 35 UNIT	019	ACTIVE	OIL	V		8/27/1971	GRAYBURG-SAN ANDRES	1980 FSL, 1980 FWL	K	35	17S	34E	4,750	4,750	4,019	4,030	MORNINGSTAR OPER	
5	3002502221	STATE 35 UNIT	035	ACTIVE	OIL	V		11/2/1938	GRAYBURG-SAN ANDRES	660 FSL, 660 FEL	P	35	17S	34E	4,552	4,552	4,013	4,018	MORNINGSTAR OPER	
6	3002502222	STATE 35 UNIT	021	ACTIVE	OIL	V		4/13/1939	GRAYBURG-SAN ANDRES	1980 FSL, 1980 FEL	J	35	17S	34E	4,699	4,699	4,016	4,024	MORNINGSTAR OPER	
7	3002502223	STATE 35 UNIT	033	ACTIVE	OIL	V		12/22/1939	GRAYBURG-SAN ANDRES	660 FSL, 1980 FEL	O	35	17S	34E	4,721	4,721	4,016	4,025	MORNINGSTAR OPER	
8	3002502234	CVU	080	ACTIVE	OIL	V		1/23/1938	GRAYBURG-SAN ANDRES	1980 FSL, 660 FWL	L	36	17S	34E	4,715	4,715	3,993	4,011	MORNINGSTAR OPER	
9	3002502235	CVU	069	P&A	OIL	V	9/22/2000	3/17/1938	GRAYBURG-SAN ANDRES	1980 FNL, 660 FWL	E	36	17S	34E	4,720	4,720	4,015	4,016	TEXACO E&P	
10	3002502242	CVU	092	ACTIVE	OIL	V		8/30/1938	GRAYBURG-SAN ANDRES	660 FSL, 660 FWL	M	36	17S	34E	4,710	4,710	4,003	4,012	MORNINGSTAR OPER	
11	3002502262	VGSAU	053	ACTIVE	OIL	V		10/11/1939	GRAYBURG-SAN ANDRES	660 FNL, 1980 FEL	2	2	18S	34E	4,710	4,710	4,007	4,017	MORNINGSTAR OPER	
12	3002502263	VGSAU	054	ACTIVE	OIL	V		10/7/1938	GRAYBURG-SAN ANDRES	675 FNL, 660 FEL	1	2	18S	34E	4,853	4,853	4,002	4,014	MORNINGSTAR OPER	
13	3002508455	STATE 35 UNIT	031	ACTIVE	OIL	V		6/13/1939	GRAYBURG-SAN ANDRES	660 FSL, 1980 FWL	N	35	17S	34E	4,780	4,764	4,018	4,029	MORNINGSTAR OPER	
14	3002520111	NM O STATE NCT-1	020	P&A	GAS	V	1/14/2005	7/11/1963	YATES	1980 FNL, 467 FWL	E	36	17S	34E	6,208	6,208	4,005	4,017	MORNINGSTAR OPER	
15	3002520228	STATE H-35	009	P&A	OIL	V	6/19/2018	10/2/1963	ABO NORTH, GRAYBURG-SAN ANDRES, WOLFCAMP	1980 FNL, 460 FEL	H	35	17S	34E	10,094	10,094	4,007	4,023	MCGOWAN WORKING PARTNERS	
16	3002520236	VGWU	085	TA	OIL	V		10/6/1963	GLORIETA	2180 FSL, 660 FWL	L	36	17S	34E	7,062	7,062	3,993	4,003	MORNINGSTAR OPER	
17	3002520270	VGWU	090	ACTIVE	OIL	H		12/7/1963	GLORIETA	2130 FSL, 660 FWL	3	31	17S	35E	10,500	10,500	3,982		MORNINGSTAR OPER	
18	3002520319	NM O STATE NCT-1	022	P&A	OIL	V	2/2/1996	10/15/1963	GLORIETA	500 FSL, 560 FWL	M	36	17S	34E	6,800	6,800	4,000	4,011	TEXACO E&P	
19	3002520664	STATE H-35	010	P&A	OIL	V	11/24/1988	12/15/1963	GRAYBURG-SAN ANDRES	2030 FNL, 1780 FEL	G	35	17S	34E	6,750		4,011	4,022	CONOCOPHILLIPS	
20	3002520665	VGWU	071	ACTIVE	OIL	V		3/9/1964	GLORIETA	2180 FNL, 660 FEL	H	35	17S	34E	6,245	6,245	4,008	4,019	MORNINGSTAR OPER	
21	3002520778	VGWU	084H	ACTIVE	OIL	H		6/9/1964	GLORIETA	2080 FSL, 560 FEL	I	35	17S	34E	6,727	5,924	4,002		MORNINGSTAR OPER	
22	3002520779	M E HALE	011	P&A	OIL	V	7/1/2010	7/17/1964	YATES, SAN ANDRES	1980 FSL, 2310 FWL	K	35	17S	34E	6,225	6,225	4,018	4,030	MCGOWAN WORKING PARTNERS	
23	3002520780	STATE 35 UNIT	036	ACTIVE	OIL	V		1/27/1964	GRAYBURG-SAN ANDRES	660 FSL, 560 FEL	P	35	17S	34E	10,400		4,009	4,021	MORNINGSTAR OPER	
24	3002520781	VGWU	083H	ACTIVE	OIL	H		3/16/1964	GLORIETA	1980 FSL, 1785 FEL	J	35	17S	34E	10,500	5,864	4,013	4,026	MORNINGSTAR OPER	
25	3002520782	STATE 35 UNIT	030	P&A	OIL	V	12/8/1999	6/30/1964	GRAYBURG-SAN ANDRES	960 FSL, 1680 FEL	O	35	17S	34E	6,200	6,200	4,013	4,025	PHILLIPS PET	
26	3002520872	STATE CC COM	001	P&A	OIL	V	6/16/2004	4/26/1964	ABO NORTH, WOLFCAMP	1980 FSL, 860 FWL	L	36	17S	34E	12,080	12,080	3,991	4,003	MOBIL PROD	
27	3002521111	VGWU	111	P&A	OIL	V	8/17/2000	9/11/1964	GLORIETA	330 FNL, 330 FEL	1	2	18S	34E	6,850	6,850	4,016	4,017	TEXACO E&P	
28	3002521424	NM R STATE NCT-2	005 SWD	P&A	SWD	V	3/17/1995	3/17/1965	GRAYBURG-SAN ANDRES	330 FNL, 1650 FEL	2	2	18S	34E	6,250	6,250	4,013	4,025	TEXACO E&P	
29	3002525708	CVU	081 WI	ACTIVE	INJ	V		3/3/1979	GRAYBURG-SAN ANDRES	1332 FSL, 1310 FWL	L	36	17S	34E	4,800	4,880	3,998	4,010	MORNINGSTAR OPER	
30	3002527970	CVU	160 WI	ACTIVE	INJ	V		10/17/1982	GRAYBURG-SAN ANDRES	2602 FNL, 35 FWL	E	36	17S	34E	4,800	4,800	4,004	4,019	MORNINGSTAR OPER	
31	3002527971	CVU	161 WI	ACTIVE	INJ	V		12/14/1982	GRAYBURG-SAN ANDRES	180 FSL, 10 FWL	M	36	17S	34E	4,800	4,800	4,004	4,016	MORNINGSTAR OPER	
32	3002527974	VGSAU	063 WI	ACTIVE	INJ	V		12/3/1982	GRAYBURG-SAN ANDRES	50 FNL, 2630 FEL	2	2	18S	34E	4,800	4,800	4,014	4,029	MORNINGSTAR OPER	
33	3002528046	STATE 35 UNIT	007	ACTIVE	OIL	V		7/1/1983	GRAYBURG-SAN ANDRES	1345 FNL, 1210 FEL	H	35	17S	34E	4,763	4,763	4,009	4,025	MORNINGSTAR OPER	
34	3002528055	STATE 35 UNIT	025 WI	ACTIVE	INJ	V		4/5/1983	GRAYBURG-SAN ANDRES	1260 FSL, 2630 FEL	O	35	17S	34E	4,800		4,015	4,027	MORNINGSTAR OPER	
35	3002528056	STATE 35 UNIT	027 WI	ACTIVE	INJ	V		3/31/1983	GRAYBURG-SAN ANDRES	1360 FSL, 1210 FEL	I	35	17S	34E	4,830	4,830	4,011	4,022	MORNINGSTAR OPER	
36	3002528058	STATE 35 UNIT	016 WI	ACTIVE	INJ	V		2/4/1983	GRAYBURG-SAN ANDRES	2630 FSL, 2630 FWL	K	35	17S	34E	4,800		4,018	4,028	MORNINGSTAR OPER	
37	3002528059	STATE 35 UNIT	017 WI	ACTIVE	INJ	V		2/23/1983	GRAYBURG-SAN ANDRES	2630 FSL, 1330 FEL	J	35	17S	34E	4,800	4,800	4,009	4,022	MORNINGSTAR OPER	
38	3002528061	STATE 35 UNIT	029 WI	ACTIVE	INJ	V		2/1/1983	GRAYBURG-SAN ANDRES	1410 FSL, 10 FEL	I	35	17S	34E	4,803	4,803	4,004	4,013	MORNINGSTAR OPER	
39	3002528062	STATE 35 UNIT	037 WI	ACTIVE	INJ	V		3/20/1983	GRAYBURG-SAN ANDRES	10 FSL, 1210 FEL	P	35	17S	34E	4,800		4,010	4,022	MORNINGSTAR OPER	
40	3002529919	VGWU	099H	ACTIVE	OIL	H		7/9/1987	GLORIETA	990 FSL, 990 FWL	M	36	17S	34E	6,709	5,938	3,998		MORNINGSTAR OPER	
41	3002530614	STATE 35 UNIT	024	ACTIVE	OIL	V		7/21/1989	GRAYBURG-SAN ANDRES	1225 FSL, 2000 FWL	N	35	17S	34E	4,800	4,800	4,018	4,027	MORNINGSTAR OPER	
42	3002530615	STATE 35 UNIT	026	ACTIVE	OIL	V		7/8/1989	GRAYBURG-SAN ANDRES	1194 FSL, 2040 FEL	O	35	17S	34E	4,800	4,800	4,014	4,024	MORNINGSTAR OPER	
43	3002530616	STATE 35 UNIT	032	ACTIVE	OIL	V		6/24/1989	GRAYBURG-SAN ANDRES	650 FSL, 2630 FWL	N	35	17S	34E	4,800	4,800	4,018	4,026	MORNINGSTAR OPER	
44	3002530617	STATE 35 UNIT	034	ACTIVE	OIL	V		6/19/1989	GRAYBURG-SAN ANDRES	620 FSL, 1250 FEL	P	35	17S	34E	4,800	4,800	4,011	4,019	MORNINGSTAR OPER	
45	3002530714	VGWU	073H	TA	OIL	H		1/29/1990	GLORIETA	2310 FNL, 1980	F	36	17S	34E	7,826	5,855	4,002	4,015	MORNINGSTAR OPER	
46	3002530800	VGSAU	155	ACTIVE	OIL	V		5/6/1990	GRAYBURG-SAN ANDRES	660 FNL, 10 FEL	1	2	18S	34E	5,000	5,000	4,019	4,032	MORNINGSTAR OPER	
47	3002530801	VGSAU	154	ACTIVE	OIL	V		4/27/1990	GRAYBURG-SAN ANDRES	660 FNL, 1331 FEL	2	2	18S	34E	5,000	5,000	4,000	4,024	MORNINGSTAR OPER	
48	3002531195	CVU	291	ACTIVE	OIL	V		6/19/1991	GRAYBURG-SAN ANDRES	660 FSL, 1330 FWL	N	36	17S	34E	4,850	4,850	3,999	4,014	MORNINGSTAR OPER	
49	3002531707	VGWU	078 WI	P&A	INJ	H	12/16/2019	10/27/1992	GLORIETA	2491 FNL, 127 FWL	E	36	17S	34E	6,250	6,250	4,005	4,019	CHEVRON	
50	3002531809	VGWU	092 WI	ACTIVE	INJ	V		1/8/1993	GLORIETA	1451 FSL, 149 FWL	L	36	17S	34E	6,241	6,241	3,998	4,014	MORNINGSTAR OPER	
51	3002531810	VGWU	093 WI	ACTIVE	INJ	H		1/16/1993	GLORIETA	1723 FSL, 1575 FWL	K	36	17S	34E	6,268	6,268	3,998		MORNINGSTAR OPER	
52	3002531858	VGWU	104 WI	ACTIVE	INJ	V		3/22/1993	GLORIETA	361 FSL, 300 FWL	M	36	17S	34E	6,245	6,245	4,003	4,017	MORNINGSTAR OPER	
53	3002531871	VGWU	063 WI	ACTIVE	INJ	V		5/31/1993	GLORIETA	1340 FNL, 1090 FEL	H	35	17S	34E	6,360	6,360	4,010	4,024	MORNINGSTAR OPER	
54	3002531872	VGWU	077 WI	ACTIVE	INJ	V		6/10/1993	GLORIETA	2569 FSL, 1226 FEL	I	35	17S	34E	6,315	6,315	4,010	4,024	MORNINGSTAR OPER	
55	3002531873	VGWU	091 WI	TA	INJ	V		6/19/1993	GLORIETA	1459 FSL, 1048 FEL	I	35	17S	34E	6,315	6,315	4,010	4,024	MORNINGSTAR OPER	
56	3002531880	VGWU	105 WI	ACTIVE	INJ	V		4/24/1993	GLORIETA	453 FSL, 1340 FWL	N	36	17S	34E	6,231	6,231	3,996	4,000	MORNINGSTAR OPER	
57	3002532263	VGWU	098	ACTIVE	OIL	H		1/15/1994	GLORIETA	937 FSL, 532 FEL	P	35	17S	34E	6,269	6,269	4,007	4,021	MORNINGSTAR OPER	
58	3002532270	VGWU	070	TA	OIL	H		1/4/1994	GLORIETA	2008 FNL, 1668 FEL	G	35	17S	34E	6,320	6,320	4,012	4,026	MORNINGSTAR OPER	
59	3002533333	CVU	179	ACTIVE	OIL	H		4/3/1996	GRAYBURG-SAN ANDRES	1997 FSL, 1263 FWL	L	36	17S	34E	4,850	4,850	3,999	4,015	MORNINGSTAR OPER	
60	3002533335	CVU	168	ACTIVE	OIL	H		5/1/1996	GRAYBURG-SAN ANDRES	2068 FNL, 1467	F	36	17S	34E	5,357	4,418	3,985	4,001	MORNINGSTAR OPER	
61	3002533415	STATE 35 UNIT	011	ACTIVE	OIL	V		6/6/1996	GRAYBURG-SAN ANDRES	2020 FNL, 1310 FEL	H	35	17S	34E	5,000	5,000	4,010	4,027	MORNINGSTAR OPER	
62	3002533416	STATE 35 UNIT	020	P&A	OIL	D	11/23/2003	8/5/1996	GRAYBURG-SAN ANDRES	1926 FSL, 2430 FEL	J	35	17S	34E	5,000	5,000	4,016	4,032	MCGOWAN WORKING PARTNERS	
63	3002533417	STATE 35 UNIT	028	ACTIVE	OIL	V		6/24/1996	GRAYBURG-SAN ANDRES	1170 FSL, 660 FEL	P	35	17S	34E	5,000	5,000	4,008	4,024	MORNINGSTAR OPER	
64	3002533418	STATE 35 UNIT	015	ACTIVE	OIL	V		7/3/1996	GRAYBURG-SAN ANDRES	2527 FSL, 1955 FWL	K	35	17S	34E	5,000	5,000	4,018	4,033	MORNINGSTAR OPER	

65	3002533419	STATE 35 UNIT	018	ACTIVE	OIL	V		6/15/1996	GRAYBURG-SAN ANDRES	2600 FSL, 660 FEL	I	35	17S	34E	5,000	5,000	4,008	4,023	MORNINGSTAR OPER
66	3002533489	STATE 35 UNIT	008	ACTIVE	OIL	D		7/19/1996	GRAYBURG-SAN ANDRES	1120 FNL, 660 FEL	A	35	17S	34E	5,026	4,992	4,010	4,027	MORNINGSTAR OPER
67	3002534277	STATE 35 UNIT	038	ACTIVE	OIL	V		2/15/1998	GRAYBURG-SAN ANDRES	1934 FSL, 560 FEL	I	35	17S	34E	5,000	5,000	4,002	4,019	MORNINGSTAR OPER
68	3002534540	CVU	280	ACTIVE	OIL	V		12/26/1999	GRAYBURG-SAN ANDRES	2038 FSL, 10 FWL	L	36	17S	34E	4,850	4,850	3,998	4,018	MORNINGSTAR OPER
69	3002534542	CVU	292	ACTIVE	OIL	V		12/18/1999	GRAYBURG-SAN ANDRES	820 FSL, 46 FWL	M	36	17S	34E	4,850	4,850	4,004	4,018	MORNINGSTAR OPER
70	3002538788	VGSAU	441 WI	ACTIVE	INJ	V		4/4/2009	GRAYBURG-SAN ANDRES	170 FNL, 710 FWL	4	1	18S	34E	5,007	5,007	4,002	4,024	MORNINGSTAR OPER
71	3002541343	CVU	170 WI	ACTIVE	INJ	V		11/4/2013	GRAYBURG-SAN ANDRES	2490 FSL, 500 FWL	L	36	17S	34E	5,115	5,115	4,001	4,019	MORNINGSTAR OPER
72	3002541344	CVU	181 WI	ACTIVE	INJ	V		11/14/2013	GRAYBURG-SAN ANDRES	1420 FSL, 730 FWL	L	36	17S	34E	5,125	5,125	3,992	4,011	MORNINGSTAR OPER

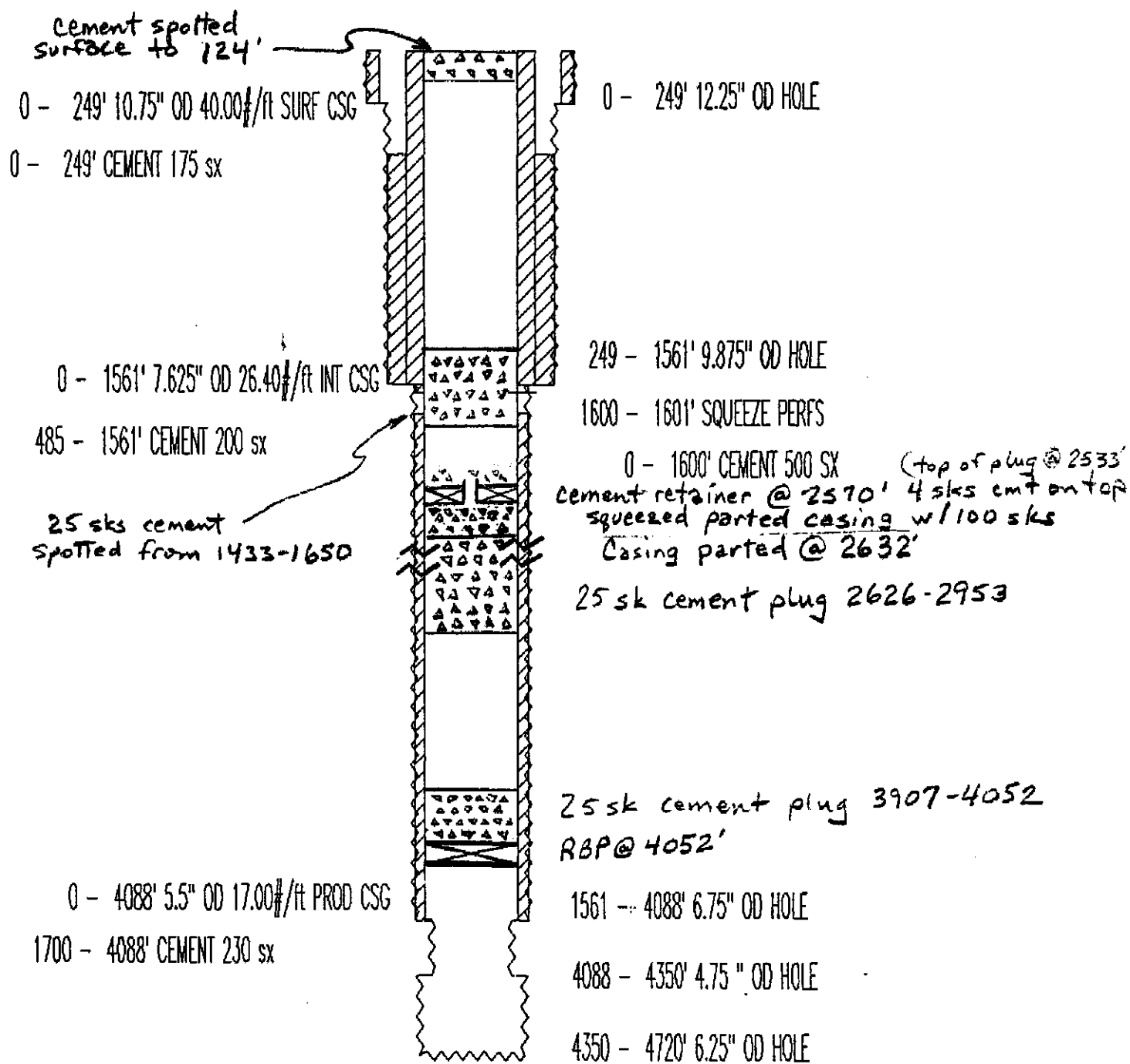
VI. Plugged wells withing ½ mile radius: Schematic Info Follows

Wells within 1/2 mile radius of VGWU #91

	API	WELL NAME	WELL NO	WELL STATUS
3	3002502219	STATE 35 UNIT	022	P&A
9	3002502235	CVU	069	P&A
14	3002520111	NM O STATE NCT-1	020	P&A
15	3002520228	STATE H-35	009	P&A
18	3002520319	NM O STATE NCT-1	022	P&A
19	3002520664	STATE H-35	010	P&A
22	3002520779	M E HALE	011	P&A
25	3002520782	STATE 35 UNIT	030	P&A
26	3002520872	STATE CC COM	001	P&A
27	3002521111	VGWU	111	P&A
28	3002521424	NM R STATE NCT-2	005 SWD	P&A
49	3002531707	VGWU	078 WI	P&A
62	3002533416	STATE 35 UNIT	020	P&A

TEXACO E&P INC
CENTRAL VACUUM UNIT No. 69
API# 3002502235

2-A schematic
Plugged 9-22-2000



1980 FNL & 660 FWL
SEC 36, TWN 17 S, RANGE 34 E
ELEVATION: 4016 ES
COMPLETION DATE: 04-18-38

COMPLETION INTERVAL: 4088 - 4720 (GBSA)
Former NM "O" State NCT-1 No. 1

Well Bore Diagram

Well #

11

Lease

ME. Hale

Field

Vacuum

Elev 4018' GL:

K.B. 480' KB

12' elev correction

PROPOSED 60' OR 105' CLASS C CEMENT PLUG & SURFACE
WEID PLATE ON TOP & ATTACH LEGAL PTA MARKER

MUD LADEN
FLUIDS

PROPOSED PERF + SQUEEZE @ 1594' w/ 50' INSIDE & 50' OUTSIDE w/ ADDITIONAL
50' OR 125' CLASS C CEMENT PLUG ON TOP INSIDE CASING - TAG PLUG

1594'

8 5/16" 24# casing @ 1594'

MUD LADEN
FLUIDS

PROPOSED 100' OR 255' CLASS C CEMENT PLUG

2773'

CIBP

2850-96 } 2 spf 3 1/4" csq spiral phase

2904-44 }

2976-3006 }

2997-3006 } 3026-36, 3042-50, 3093-3100 squeezed

3020-50 } 2 spf

3070-80 } 2" hollow carrier 180° phase

3090-3100 }

3170-80 }

Seven Rivers,
3750

CIBP

Queen

4875'

CIBP

5014-50, 5090-5235

= 6060-65

/ 6065-83 squeezed

6225'

4 1/2" 9.5 + 10.5# casing

Submit 3 Copies To Appropriate District
Office

State of New Mexico

Form C-103

District I

RECEIVED

Energy, Minerals and Natural Resources

May 27, 2004

1625 N French Dr., Hobbs, NM 88240

District II

1301 W. Grand Ave., Artesia, NM 88213

District III

1000 Rio Brazos Rd., Aztec, NM 87410

District IV

1220 S. St. Francis Dr., Santa Fe, NM 87505

AUG 12 2006 OIL CONSERVATION DIVISION

HOBBSOCD

1220 South St. Francis Dr.

Santa Fe, NM 87505

WELL API NO.

30 025 20779

5. Indicate Type of Lease

STATE ☒ FEE ☐

6. State Oil & Gas Lease No.

B-2317

7. Lease Name or Unit Agreement Name:

M E Hale

8. Well No. 11

9. OGRID Number

220397

10. Pool name or Wildcat

Vacuum - Yates

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" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well: Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

McGowan Working Partners, Inc.

3. Address of Operator

PO Box 55809, Jackson, MS 39296-5809

4. Well Location

Unit Letter K : 1980 feet from the South line and 2310 feet from the West line
Section 35 Township 17-S Range 34-E NMPM County Lea

11. Elevation (Show whether DR, RKB, RT, GR, etc.)

Pit or Below-grade Tank Application ☐ or Closure ☐Pit-type _____ Depth to Groundwater _____ Distance from nearest fresh water well _____ Distance from nearest surface water _____
Pit Liner Thickness: _____ mil Below-Grade Tank: Volume _____ bbls; Construction Material _____

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐ MULTIPLE COMPLETION ☐OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ P AND A ☒
CASING/CEMENT JOB ☐OTHER: ☐

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

06/25/10 MIRU rig and cementing equipment. NU BOP. RIH w/ tbg. Tag CIBP @ 2773'. Circulate hole w/ mud laden fluid. Spot 25 sx cement on top of plug. Pull out of cement. SDFN.

06/28/10 Perf casing @ 1645'. RIH and set packer @ 1300'. Pressured up to 100 psi. release packer. RIH to 1695'. Spot 25 sx cement. Pull out of cement. WOC. Tagged plug @ 1453'. POH. Perf'd csg. @ 400'. Set packer @ 30' Pressured up on csg. to 1000 psi. POH w/ packer. RIH to 450'. Spot 25 sx cement. POH. SDFN.

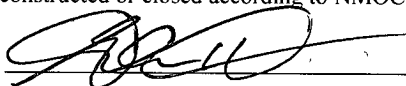
06/29/10 RIH and tagged plug @ 110'. POH. Perf'd csg. @ 60'. ND BOP. Set packer @ 12'. Circulated 10 sx cement to surface. POH and rigged down.

07/01/10. Moved in Back hoe and welder. Dug out cellar. Cut off well head and weld on Dry Hole Marker. Back fill cellar, Clean location. Cut off dead men.

CONDITIONS OF PA APPROVAL: Approved as to plugging of the Well Bore. Liability under bond is retained until surface restoration is completed. OCD Hobbs office needs C-103 "Check Off List for Surface Inspection".

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☐, a general permit ☐ or an (attached) alternative OCD-approved plan ☐.

SIGNATURE



TITLE Regulatory Officer

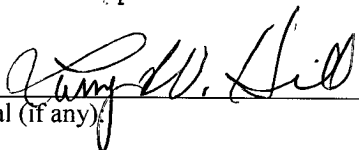
DATE 07/26/10

Type or print name Glenn Hepner

E-mail address: glenn@mcgowanwp.com Telephone No. 601-982-3444

For State Use Only

APPROVED BY



TITLE

DISTRICT 1 SUPERVISOR

DATE

AUG 13 2010

Conditions of Approval (if any)

Form provided by Forms On-A-Disk · (214) 340-9429 · FormsOnADisk.com



West String P&A: 2-24-96

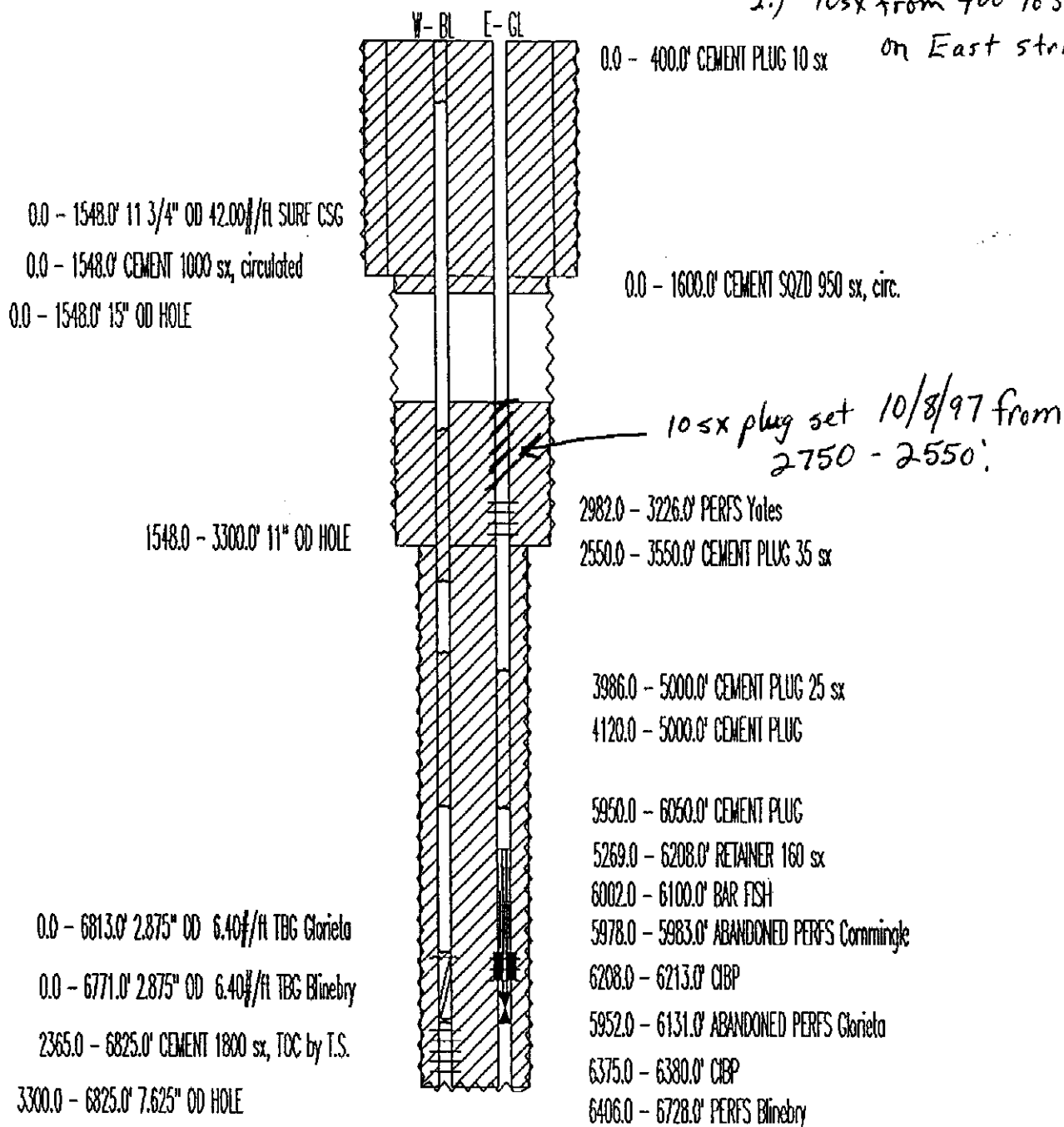
HARCO L&F INC.

"O" State NCT-1 No. 20

API# 30-025-20111

All we need is

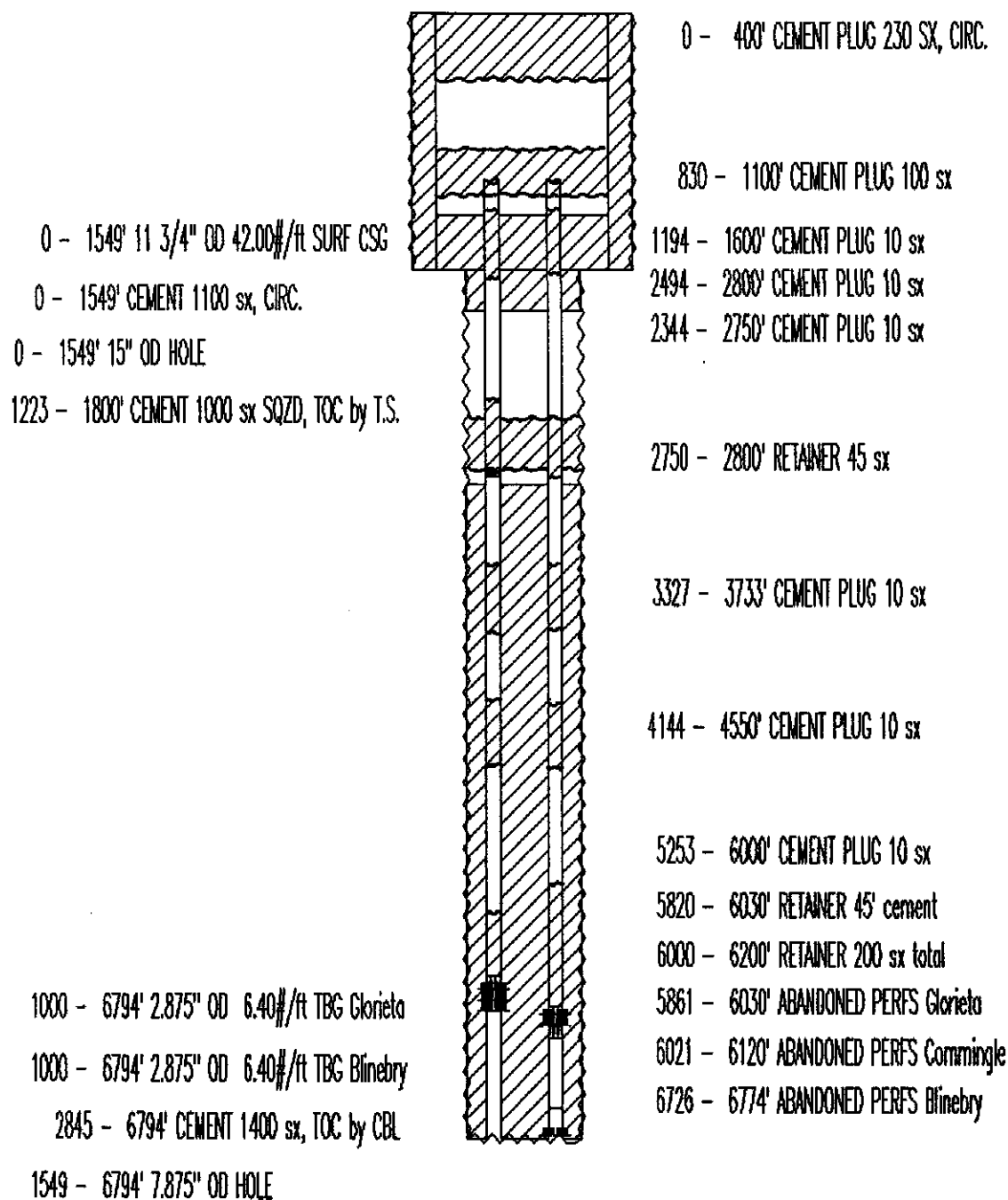
- 1.) 10sx from 1600' to 1400'
- 2.) 10sx from 400 to surface on East string.



1980 FNL & 467 FNL
 SEC 36, TWN 17S, RANGE 34E
 ELEVATION: 4005' GR
 COMPLETION DATE: 8-26-63
 COMPLETION INTERVAL: 2982' - 3226' (Yates)
 5952' - 6131' (Clarieta)

P&A: 2-02-96

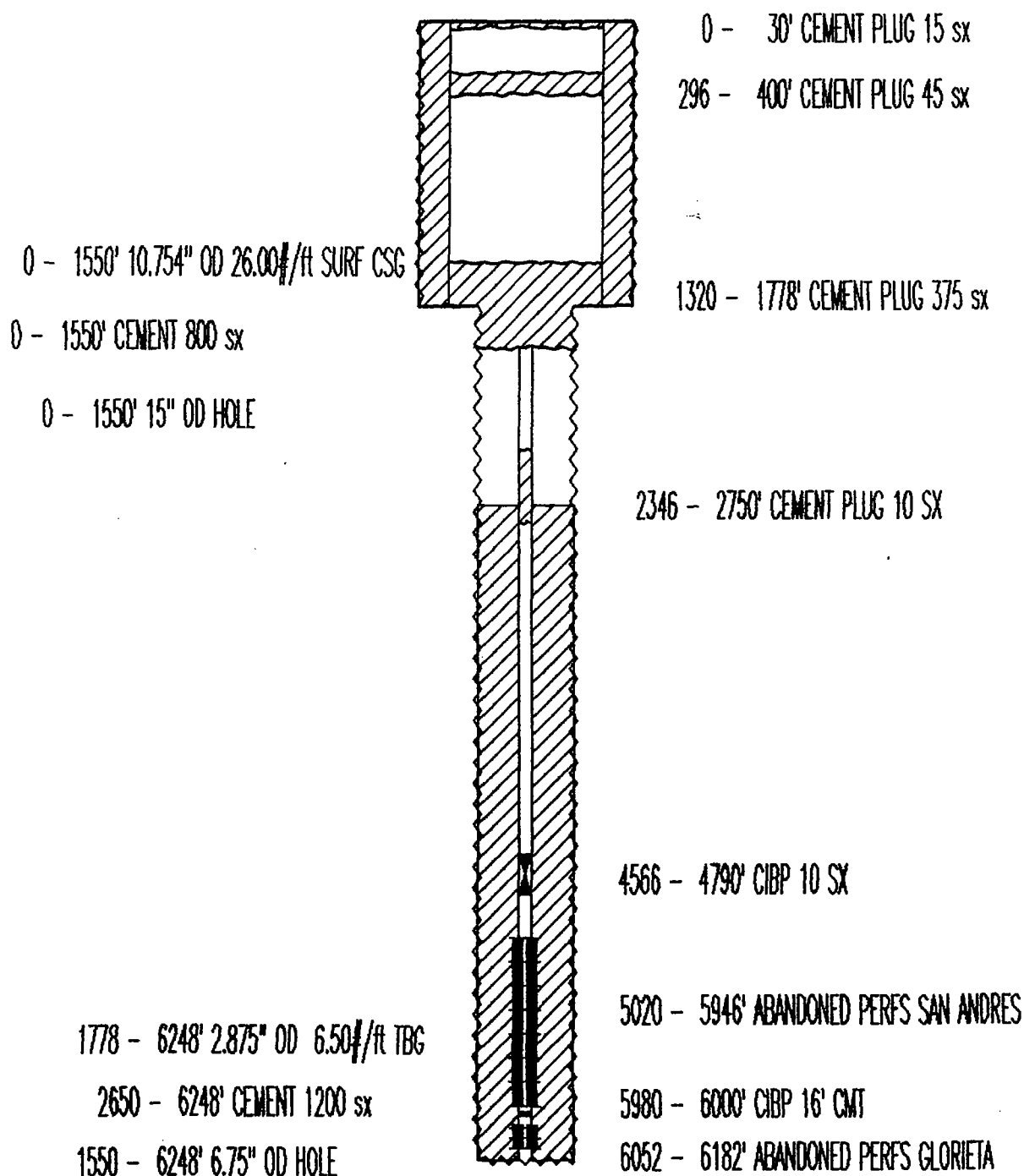
TEXACO E&P INC.
 NM "O" STATE NCT-1 No. 22
 API# 30 025 20319



500 FSL & 560 FWL
 SEC 36, TWN 17 S, RANGE 34 E
 ELEVATION: 4010 DF
 COMPLETION DATE: 12-03-63
 COMPLETION INTERVALS: 5929 - 6035 (Glorieta)
 6726 - 6774 (Blinebry)

P&A: 3-17-95

TEXACO E&P INC.
 NM "R" State NCT-2 No. 5
 API# 30 025 21424



330 FNL & 1650 FEL
 SEC 30, TWN 18 S, RANGE 35 E
 ELEVATION: 3985 ES
 COMPLETION DATE: 03-01-77

 COMPLETION INTERVAL: 5020 - 5946 (SA)

SPUD 08/05/96

RKB 4032'

DF 4031'

GL 4016'

Legal Description

1926' FSL & 2430' FEL

Sec 35, T-17S R-34E

Lea County, N.M.

 $60'(.1349)/1.18 = 7 \text{ SX}$

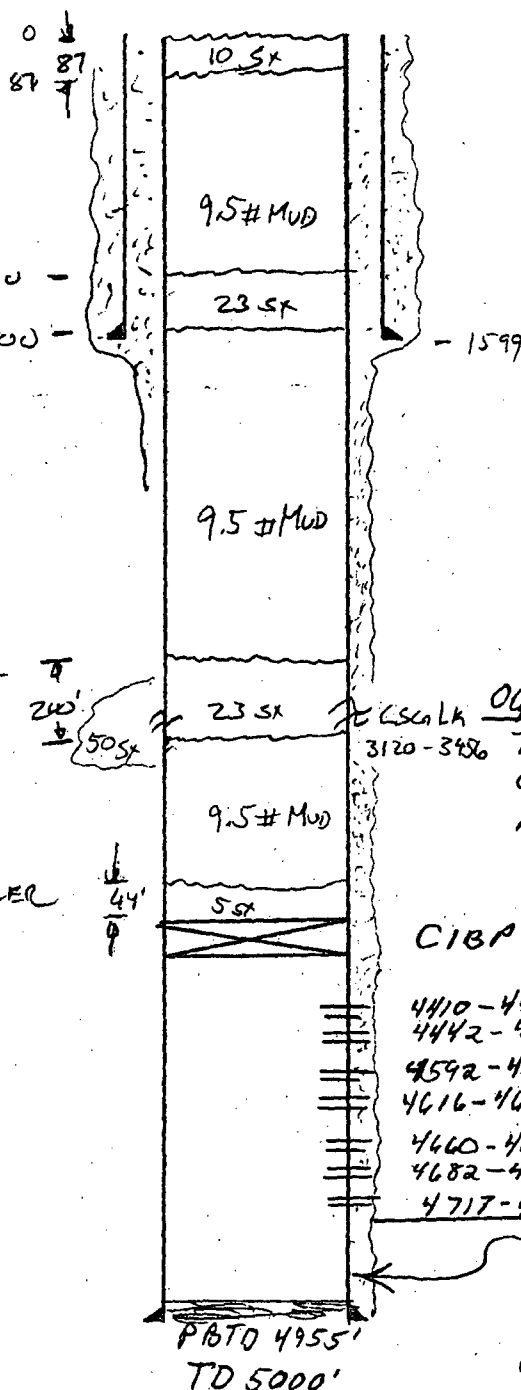
Proposed PQA Plan
 STATE 35 UNIT No. 20
 Formerly ME Hole No 24
 API 30 025 33416

VACUUM FIELD Lea County N.M.

NTS
 10/07/03
 JAL

 $200(.1349)/1.18 = 23 \text{ SX}$

LOCATE CSG LEAK & SEAL
 50 SX CLASS A OUT &
 LEAVE 23 SX INSIDE
 WITH CMT 200 FEET
 ABOVE CSG LEAK
 $200(.1349)/1.18 = 23 \text{ SX}$
 5 SX PLACED BY 13 NLER



8 5/8" 24.0# To 1599'
 IN 12 1/4" Hole w/ 850 SX
 TOC @ SURF CIRC 124 SX

CSG LK 04/02 SET CIBP @ 4360'
 3120-3456 Tested CSG Using PKR & Tbg
 CSG FROM 3120-3456' Failed
 PRESSURE TEST.

CIBP @ 4360'

4410-4438' w/2SPF 56 Holes
 4442-4468' w/2SPF 52 Holes
 4592-4606' w/2SPF 28 Holes
 4616-4626' w/2SPF 20 Holes
 4660-4678' w/2SPF 36 Holes
 4682-4710' w/2SPF 50 Holes
 4717-4742' w/2SPF 50 Holes

5 1/2" 15.5# To 5000'
 IN 7 7/8" Hole w/ 1050 SX
 TOC @ SURF CIRC 147 SX
 Q. 0240 BPF (0.1349 CFPF)
 ID - 4.950

Submit 3 Copies To Appropriate District Office
District I
 1625 N. French Dr., Hobbs, NM 88240
District II
 811 South First, Artesia, NM 88210
District III
 1000 Rio Brazos Rd., Aztec, NM 87410
District IV
 2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
 Energy, Minerals and Natural Resources

OIL CONSERVATION DIVISION
 2040 South Pacheco
 Santa Fe, NM 87505

Form C-103
 Revised March 25, 1999

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" (FORM C-101) FOR SUCH PROPOSALS.)		WELL API NO. 30-025-33416
1. Type of Well: Oil Well ☒ Gas Well ☐ Other ☐		5. Indicate Type of Lease STATE ☒ FEE ☐
2. Name of Operator McGowan Working Partners, Inc.		6. State Oil & Gas Lease No. B-2317
3. Address of Operator P.O. Box 55809, Jackson MS 39296-5809		7. Lease Name or Unit Agreement Name: State 35 Unit
4. Well Location Unit Letter <u>J</u> : <u>1926</u> feet from the <u>South</u> line and <u>2430</u> feet from the <u>East</u> line Section <u>35</u> Township <u>17S</u> Range <u>34E</u> NMPM County <u>Lea</u>		8. Well No. 20
10. Elevation (Show whether DR, RKB, RT, GR, etc.)		9. Pool name or Wildcat

11. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
 TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
 PULL OR ALTER CASING ☐ MULTIPLE COMPLETION ☐
 OTHER: ☐

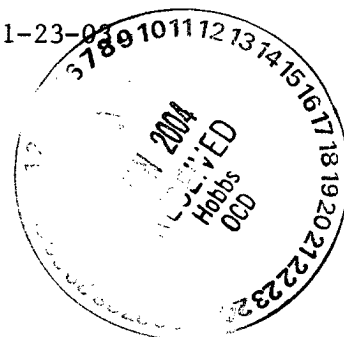
SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
 COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☒
 CASING TEST AND CEMENT JOB ☐
 OTHER: ☐

12. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompilation.

1. MI & RU Plugging Equipment. 11-22-03
2. Spot 25sx Class C Cmt 4360'- 4160' In 5 1/2 Csg. 11-22-03.
3. Circulate Well w/ 100 BBL MLF 4160'- Surface. 11-22-03.
4. Squeezed 50sx Class C Cmt @3100'. 11-22-03. Tag TOC @ 2885'. 11-23-03
5. Spot 40sx Class C Cmt @ 1650'. Tag TOC @ 1289'. 11-23-03.
6. Circulate 10sx Class C Cmt 60'- Surface. 11-23-03.
7. Install Dry Hole Marker. P & A Complete. 11-23-03.

Approved as to plugging of the Well Bore.
 Liability under bond is retained until
 surface restoration is completed.



I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE [Signature] TITLE MANAGER/SUNSET DATE 11-23-03

Type or print name Jimmy Bagley Telephone No. 432 561-8600
 (This space for State use)

APPROVED BY Chris Williams OC DISTRICT SUPERVISOR/GENERAL MANAGER DATE JAN 06 2004
 Conditions of approval, if any:

WELL SERVICE APPROVAL
PHILLIPS PETROLEUM COMPANY--SOUTHWEST REGION

RKB @ 4013
CHF @
GL @ 4002

Category Code: 1 Date January 22, 1999

Area New Mexico Subarea Buckeye

Lease & Well No. State 35 Unit Well No. 22

Legal Description Unit 1, 1980' FSL & 660' FEL, Sec. 35, T17S, R34E,
Lea County State: New Mexico

Field Vacuum Gb/San Andres

Status: TA'd 0 BOPD 0 BWPD 0 MCFD

17 1/2 hole
13 3/8" 38# @ 200'
CMTD:200 sx
TOC: Surface

RECOMMENDED PROCEDURE: Plug and Abandon Wellbore
(See attached procedure)

Date Drlg Permit issued: _____
Permit No: _____
Rule 37 well: _____
Date Drlg commenced: 12-20-37
Date Drlg completed: 01-27-38
Distance: _____

Watertable: NA

12 1/4 hole
9 5/8" 36# @ 1572'
CMTD: 400 sx
TOC:443' (calc. 75%)

District: NMOCD, Hobbs, N.M.
Lease No.: B-2317
API No.: 30-025-02219
Lease Acctg. Code: A600294

A.D. Supv.: P.K. Kinney *PK*
Approved by: J. B. Morgan

Original to: M. U. Thompson

(r) Central Files

Copies: J. B. Morgan
(r) L. M. Sanders
T. L. Johnson
L. E. Robinson
M. L. Kilgore
Drlg Supv. (2)
K. Summers/D. Lewis
D. Thorp
P. K. Kinney

APPROVED BY:

JUN 16 1999

3/97 4 1/2 liner parted @ 4300'
and in bad shape. Btm 500'
of 7" casing good.

PPCo W.I. =100.000000%

8 3/4" hole
7" 24# @ 4289'
CMTD:400 sx
TOC:1934' (calc. 75%)

Charge to: Gross: Net:
WO A600294-811000 \$15,923 \$15,923

Perfs: 4324-4596'

Formation Tops: Salt Top 1635'
Yates 2808'
Queen 3757'
Grayburg 4029'
San Andres 4280'
Glorieta 5898'

6 1/8 hole
4 1/2" 11.6# J-55 4137-4648'
CMTD: 125 sx
TOC: 4137'

"EQUIPMENT IN WELL"
132 JTS (4070') 2 7/8" 6.5# J-55 tbg
TAC @ 3890'
90 7/8" rods (2250')
71 3/4" rods (1775')

FILE: O:\EVERYONE\WELLFILE\BUCKEYE\STATE35U\22.A

FILE COPY

Submit 3 Copies
to Appropriate
District Office

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-103
Revised 1-1-89

DISTRICT I
P.O. Box 1980, Hobbs NM 88241-1980

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

OIL CONSERVATION DIVISION

2040 Pacheco St.
Santa Fe, NM 87505

RECORD COPY
ODESSA CENTRAL FILES

WELL API NO.	30-025-02219
5. Indicate Type of Lease	STATE ☒ FEE ☐
6. State Oil & Gas Lease No.	B-2317
7. Lease Name or Unit Agreement Name	STATE 35 UNIT MAR 16 2000 RECEIVED
8. Well No.	22
9. Pool name or Wildcat	VACUUM GRAYBURG/SAN ANDRES
10. Elevation (Show whether DF, RKB, RT, GR, etc.)	4013' RKB. 4002' GL

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" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well: OIL WELL ☒ GAS WELL ☐ OTHER ☐	2. Name of Operator Phillips Petroleum Company
3. Address of Operator 4001 Penbrook Street Odessa, TX 79762	4. Well Location Unit Letter I : 1980 Feet From The FSL Line and 660 Feet From The FEL Line Section 35 Township 17S Range 34E NMPM LEA County

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data	
NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK ☐	REMEDIAL WORK ☐
TEMPORARILY ABANDON ☐	COMMENCE DRILLING OPNS. ☐
PULL OR ALTER CASING ☐	CASING TEST AND CEMENT JOB ☐
OTHER: ☐	OTHER: PLUG & ABANDONMENT ☒

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

- 11/18/99 MIRU POOL CO RIG #589 & PLUG EQMT, SI TBG PRESS 500# SI CSG PRESS 500#, BLD PRESS OFF, PMP 10# BRINE STATIC, SECURE, SDON, ND WH NU CLASS II HYDRAULIC BOPE REL TAC TOH W/ 132 JTS 2.875" PROD TBG RU WL & GIH W/7" WL SET CIBP ATTEMPT T/SET 4070' MISRUN POOH CHG OUT FIRING CAP, GIH & SET @ 4070' RD WL, TIH W/25 STDS WS, SECURE.
- 11/19/99 OBSERVE, STATIC, PU 85 JTS WS 134 JTS TOT TAG CIBP @ 4070' MIX & PMP 150 BBL 10# GELL BRINE, CIRC, PMP PLUG #1 100 SX CL C 14.8 PPG 1.32 CFPS CMT 4070-3470', LD 40 JTS WS T/2817' PMP PLUG #2 25 SX CL C 14.8 PPG 1.32 CFPS 2817-2697', LD 43 JST WS & TOH W/24 STDS, RU WL & PERF 1635' RD WL, BRK CIRC & OBSERVE, STATIC, ESTAB PI 1.75 BPM @ 1100# SI @ 750# PMP PLUG #3 65 SX CL C 14.8 PPG 1.32 CFPS 1635-1500' WOC & TAG, SECURE.
- 11/20/99 POOH & LD PKR, TAG PLUG #3 1527' MIX & CIRC MUD LD WS RU WL & PERF 200' RD WL TRK, DIG OUT CELLAR PMP PLUG #4 RDHO TEMP DROP F/REPORT
- (CONTINUED ON BACK)

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE [Signature] TITLE Senior Regulation Analyst DATE 1-6-00
TYPE OR PRINT NAME Larry M. Sanders TELEPHONE NO. (915) 368-1488

(This space for State Use)

APPROVED BY [Signature] TITLE Bill Friedman DATE MAR 13 2000
CONDITIONS OF APPROVAL, IF ANY:

STATE 35, UNIT #22

CONTINUED

12/08/99

DIG OUT CELLAR, CUT OFF 13-3/8" WH, 9-5/8" CSG & 7" CSG, WELD ON 14' OFF CONDUCTOR, FILL IN CELLAR

01/04/2000

TEMP DROP F/REPORT

RU POOL T/1" 13-3/8" X 9-5/8" ANNUL, PMP 50 SX CIRC T/SURF RDMO WELL P&A'D

COMPLETE DROP FROM REPORT

RECORD COPY
ODESSA CENTRAL FILES

RECEIVED
MAR 20 2000
CENTRAL FILES



WELL SERVICE APPROVAL
PHILLIPS PETROLEUM COMPANY--SOUTHWEST REGION

RKB @ 4025
CHF @
GL @ 4013

Category Code: 1 Date January 27, 1999
Area New Mexico Subarea BUCKEYE
Lease & Well No. State 35 Unit No. 30
Legal Description Unit 0, 1680' FEL & 960' FSL, Sec. 35, T-17-S, R-35-E,
Lea County, State: New Mexico
Field
Status: TA'd 0 BOPD 0 BWPD 0 MCFD

12 1/4 Hole
8 5/8" 24# J @ 1600'
CMTD: 700 sx
TOC: Surface

WATERTABLE: NA

RECOMMENDED PROCEDURE: Plug and Abandon Wellbore
(See attached procedure)

Date Drlg Permit issued: 06-29-64
Permit No:
Rule 37 well:
Date Drlg commenced: 06-30-64
Date Drlg completed: 07-15-64
Distance:

District: NMOC, Hobbs, N. M.
Lease No.: B-2317
API No.: 30-025-20872
Lease Acctg. Code: A600294

2/84 Csg leak 2436-2441'. Sqz
w/1175 sx cmt.

97/98 No records. Csg has tight
spot 2437' w/parted casing.
Milled on per D. Thorp.

Perfs: 3004-3090'
Sqz w/800 sx.

Perfs: 4385-4672'

[XXXX] 12/69 CIBP @ 4702'

[XXXX] 8/64 CIBP w/1 sx cmt.

Perfs: 5944-5958', 6084-6091', 6110-6148'

Perfs: 7/18/64 6084-6091'. Sqz w/100 sx.

7 7/8 hole
4 1/2" 9.5 & 10.5# @ 6200'
CMTD:800 sx
TOC: 3150' T.S.

TD6200

"EQUIPMENT IN WELL"
40 jts. (1260') 2 7/8" 6.5# J-55 tbq.

Drlg. Supv.: P.K. Kinney PK
Approved by: J. B. Morgan

Original to: M. U. Tompkins
(r) Central Files

Copies: J. B. Morgan
(r) L. M. Sanders
L. E. Robinson
T. L. Johnson
M. L. Kilgore
Drlg Supv. (2)
K. Summers/D. Lewis
R. Becker
D. Thorp

APPROVED AND

JUN 16 1999

PPCo W.I. =100.00000 %

Charge to: Gross: Net:
WO A600294-811000 \$24,725 \$24,725

Formation Tops: Salt Top 1640'
Yates 2808'
Queen 3757'
Grayburg 4029'
San Andres 4280'
Glorieta 5898'

File name O:\EVERYONE\WELLFILE\BUCKEYE\STATE35U\30.PA

FILE COPY

Submit 3 Copies
to Appropriate
District Office

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-133
Revised 1-1-89

DISTRICT I
P.O. Box 1980, Hobbs NM 88241-1980

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

OIL CONSERVATION DIVISION

2040 Pacheco St.
Santa Fe, NM 87505

WELL API NO. 30-025-20782
5. Indicate Type of Lease STATE ☒ FEE ☐
6. State Oil & Gas Lease No. B-2317
7. Lease Name or Unit Agreement Name STATE 35
8. Well No. 30
9. Pool name or Wildcat VACUUM GRAYBURG/SAN ANDRES

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"
(FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well: OIL WELL ☒ GAS WELL ☐ OTHER ☐	2. Name of Operator Phillips Petroleum Company
3. Address of Operator 4001 Penbrook Street, Odessa, TX 79762	4. Well Location Unit Letter 0 : 1680 Feet From The EAST Line and 960 Feet From The SOUTH Line Section 35 Township 17-S Range 34-E NMPM LEA County
10. Elevation (Show whether DF, RKB, RT, GR, etc.) 4013' GL	

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK ☐	REMEDIAL WORK ☐
TEMPORARILY ABANDON ☐	COMMENCE DRILLING OPNS. ☐
PULL OR ALTER CASING ☐	CASING TEST AND CEMENT JOB ☐
OTHER: ☐	OTHER: PLUG & ABANDON ☒

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

NOTE: ON 11/15/99 THIS P&A PROCEDURE WAS DISCUSSED BY PHONE WITH LARRY SANDERS & TERRY JOHNSON, PHILLIPS, SAM McDONALD, HALLIBURTON, & CHRIS WILLIAMS & GARY WEST, NMOC.

11/08/99 SI TBG PRESS 50# CSG 50#, MIRU POOL #546 & P&A PKG.

11/09/99 KILL W/10# BRINE MD WH NU CL II BOPE, LD 40 JTS 2-7/8" KS, GASING, SI @ 310# FLOW T/BATT 310# INITIAL FLOW PRESS 100# FINAL, BULLHD 20 BBL 10# BRINE ON VAC GIH W/25 JTS WS SECURE.

11/10/99 OBSERVE, PMP 10# BRINE DWN CSG & TBG, STATIC, GIH W/53 JTS WS (78 TOT) T/2437' ATTEMPT WK INTO TOP FISH, NO SUCCESS, TOH TIH W/IMPRESSION BLK TOH SQZ PLUG #1.

11/11/99 OBSERVE, 45# TBG FLOW T/PIT .25 BBL SLIGHT GAS BLOW STATIC PRESS TST PLUG #1 PMP INTO PLUG #1 @ 150# @ 1.5 BBL/MIN, REL PKR & CIRC WB WOO SDON.

11/12/99 OBSERVE RU HES SQZ PLUG #2 RD HES WOC, BLD DWN CSG PRESS (1300#) REL PKR CIRC TOH, TIH/TST CSG.

11/13/99 OBSERVE TIGHTEN WH FLNG/TST CSG TOH/INSPECT AD1 PKR TIH T/62'/SET TST CSG T/1571' FLOW T/TST TK.

(CONTINUED ON BACK)

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Larry M. Sanders TITLE Senior Regulation Analyst DATE 1-6-00
TYPE OR PRINT NAME Larry M. Sanders TELEPHONE NO. (915)368-1488

(This space for State Use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY

TITLE

DATE

STATE 35 UNIT #30 CONTINUED

11/14/99 FLOW T/TST TK, STATIC, REC 80 BO, 380# CSG PRESS.

11/15/99 FLOW T/TST TK, STATIC, REC 80 BO, 380# CSG PRESS.

11/16/99 OBSERVE WELL, REC 30 BO PRESS TST CSG, CSG LKS @ 2362', POH & SET PKR @ 2331', PRESS TST T/820#, SECURE.

11/17/99 OBSERVE, 150# TBG PRESS 800# CSG PRESS, FLOW T/TST TK, 30 BO REC, RELEASE PKR & LD WS & PKR, ND BOPE NU WH, SECURE WELL, RDMO.

11/18/99 OBSERVE WELL, 100# CSG PRESS, RU HES, PMP 1000 SX CL C W/NITROGEN FOAM CMT, SI W/820#, SECURE WELL, RDMO HES.

12/08/99 OBSERVE, 20#, BLEED OFF NITROGEN, STATIC, DIG OUT CELLAR, CUT & CAP, INSTALL DRY HOLE MARKER, PERFORM RECLAMATION WORK, WELL P&A'D

COMPLETE DROP F/REPORT

PLUGGING & ABANDONMENT WORKSHEET (2 STRING CSNG)

OPERATOR Mobil Prod. TX & NM
LEASENAME State CE Unit

SECT 36 TWN 17S RNG 34E
FROM N/S L E/W L
TD: 12,080 FORMATION @ TD
PBD: FORMATION @ PBD

	SIZE	SET @	TOC	TOC DETERMINED BY
SURFACE	16	260	Circ	
INTMED 1	13 7/8	4967	Circ	
INTMED 2	10 1/2	10,222	Circ	
PROD	4 1/2			
	SIZE	TOP	BOT	TOC DETERMINED BY
LINER 1				
LINER 2				
	CUT & PULL @		TOP - BOTTOM	
INTMED 1			FEPS	9115 - 9185
INTMED 2			Perks	9442 - 10,032
PROD				

*REQUIRED PLUGS DISTRICT I

PLUG	TYPE	SACKS	DEPTH
EXAMPLES			
PLUG #1	OH	35 SXS	6400'
PLUG #2	SHOE	50 SXS	5350'-5450'
PLUG #3	CIBP/35'		4800'
PLUG #4	CIBP	25 SXS	4800'
PLUG #5	STUB	50 SXS	3600'-3700'
PLUG #6	RETNR SQZ	200 SXS	400'
PLUG #7	SURF	10 SXS	0-10'
PLUG #8	CIBP	20	9000'
PLUG #9	Yr. clor	30	5957'-5728'
PLUG #10	Shoe	25	4991'-4891'
PLUG #11	S.A.	25	4380'-4280'
PLUG #12	Queen	25	3728'-3638'
PLUG #13	Yr. B salt	30	2852'-2560'
PLUG #14	T. salt	25	1645'-1545'
PLUG #15	Shoe	30	410'-Surface
PLUG #16			
PLUG #17			
PLUG #18			
PLUG #19			
PLUG #20			
PLUG #21			
PLUG #22			
PLUG #23			
PLUG #24			
PLUG #25			
PLUG #26			
PLUG #27			
PLUG #28			
PLUG #29			
PLUG #30			
PLUG #31			
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PLUG #91			
PLUG #92			
PLUG #93			
PLUG #94			
PLUG #95			
PLUG #96			
PLUG #97			
PLUG #98			
PLUG #99			
PLUG #100			

16"
@ 360'
TOC Circ

13 7/8-10 1/4
@ 4967'
TOC Circ

4 1/2
@ 10,222'
TOC Circ

2 7/8
CSL

TD 12,080'

2 7/8
CSL

EXXONMOBIL

Current Wellbore Schematic

EXXONMOBIL Production Company

Well: State Cc 1mt

Field: Vacuum

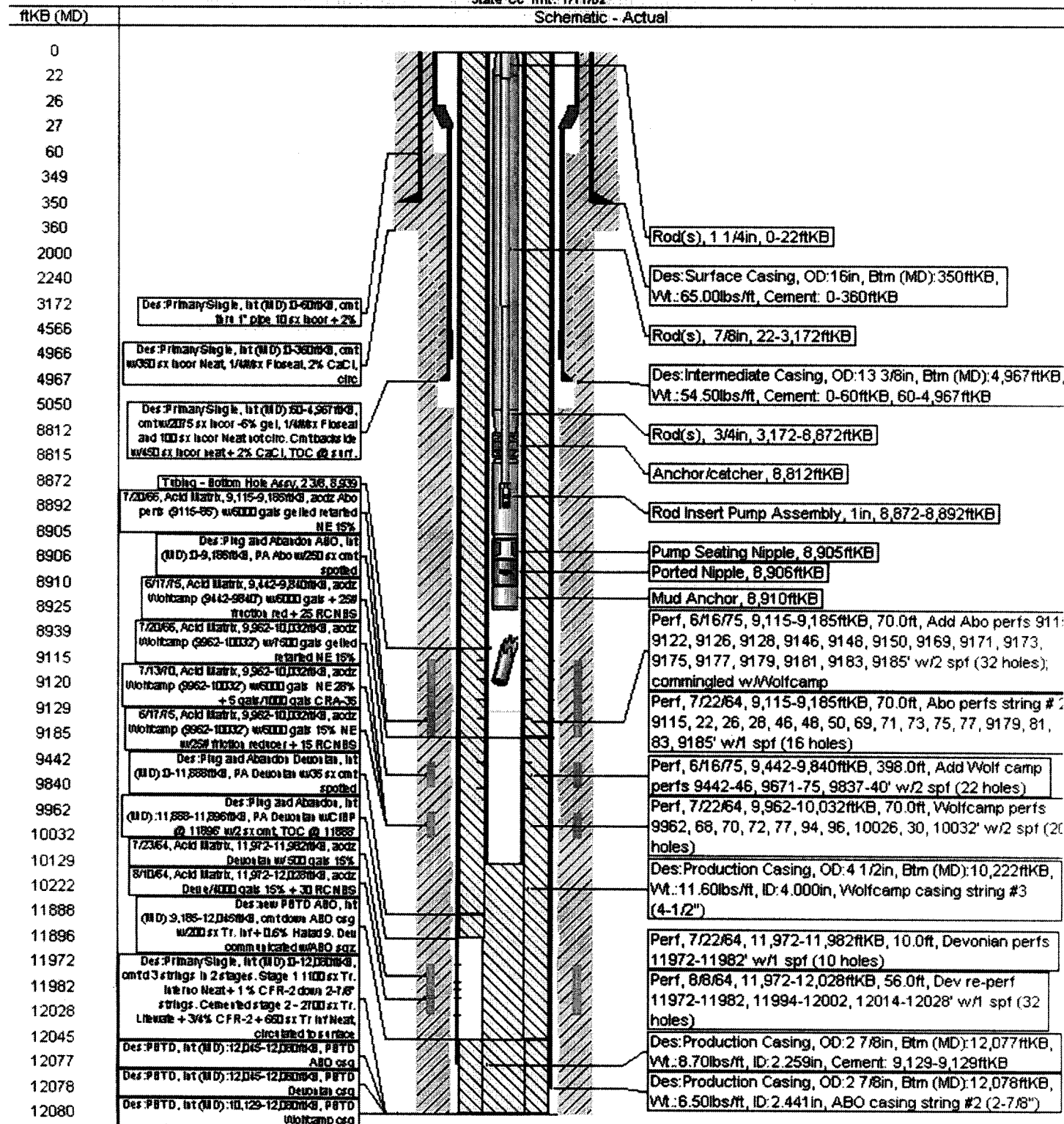
V:\WELLVIEW\70\REPORTS\Network\Business Unit\Schematics\Current WB Schematic

Printed: 3/31/04 Page #1 of 1 Page(s)

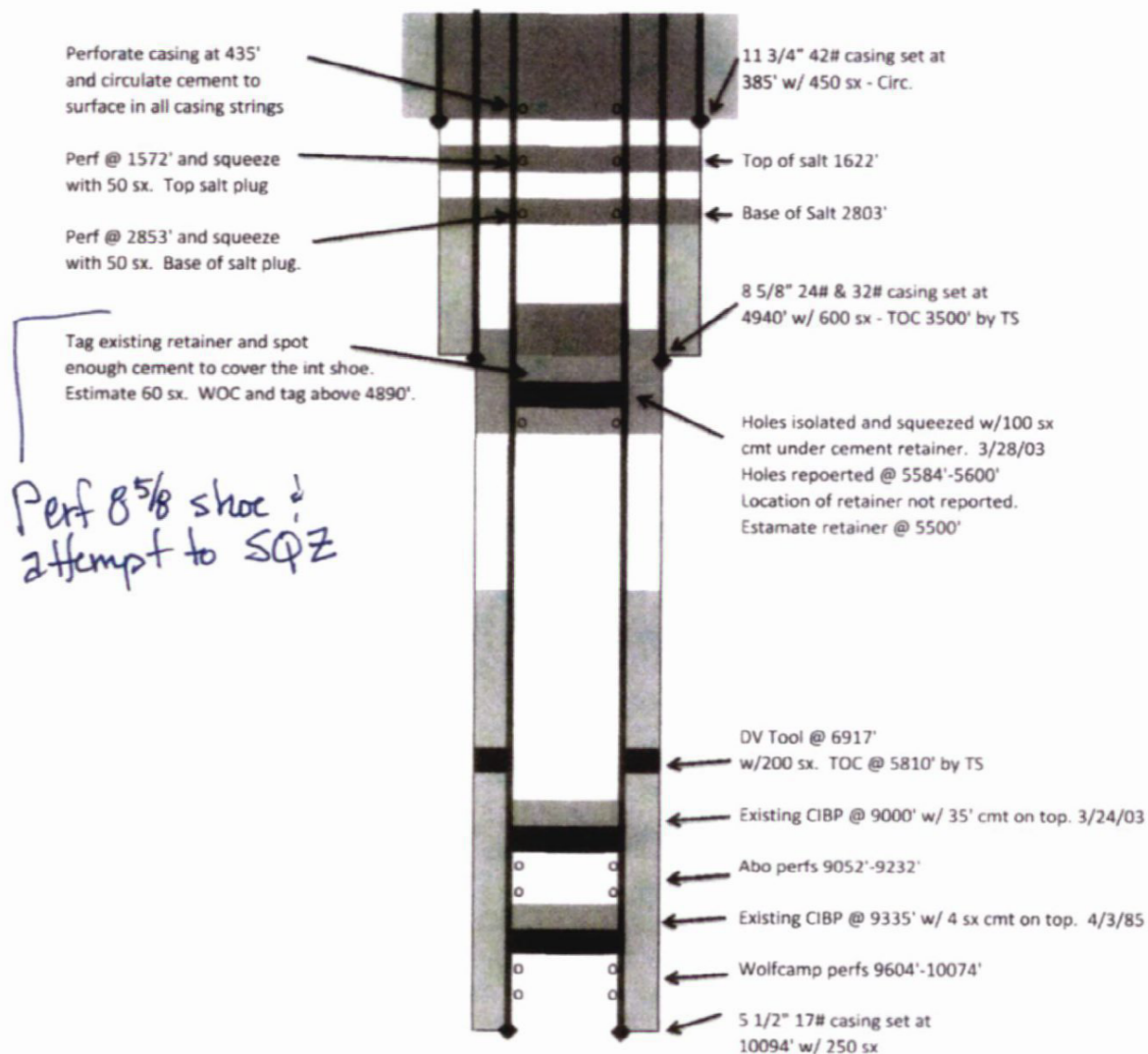
Well Header

State Cc	State Cc 1	District/County	Lea	State/Province	New Mexico	Last Mod By	datamgmt	Last Mod Date (GMT)	3/15/04
Surface Legal Location	SEC 36 T 17S R 34E	Legal Survey Type	L1980 FSL 860 FWL	UDB WLB#_ID	300252087200	UDB SRFC_SITE_ID	3002520872		
Elevation (ft)	4003.00	KB-Grd (ft)		Gr Elev (ft)		Well Type	Oil	Spud Date	4/26/64
						Basin		Current Well Status	Oil

State Cc 1mt: 1/11/02



McGowan Working Partners, Inc
State 35 H #9
API 30-025-20228
WBD After P&A



Conoco Inc. State H-35 No 10 Proposed P&A

Location:

2030' FNL & 1780' FEL

Section 35, T-17S, R-34E

Spudded: 12/15/63

Completed: 2/12/64

Elevation: 4011' MSL

Datum: 4021' MSL

10-3/4", 32.75 & 40.5 pps,

H-40 casing set @ 1596'

TOC (primary) @ 2700'

TOC in 4-1/2" @ 3245'

CIBP @ 3295'

4-1/2" casing collapsed
during remedial on
2-7/8" casing.

- TOC in 4-1/2" @ 3300'

- 2-3/8" tbg cut @ 3300'

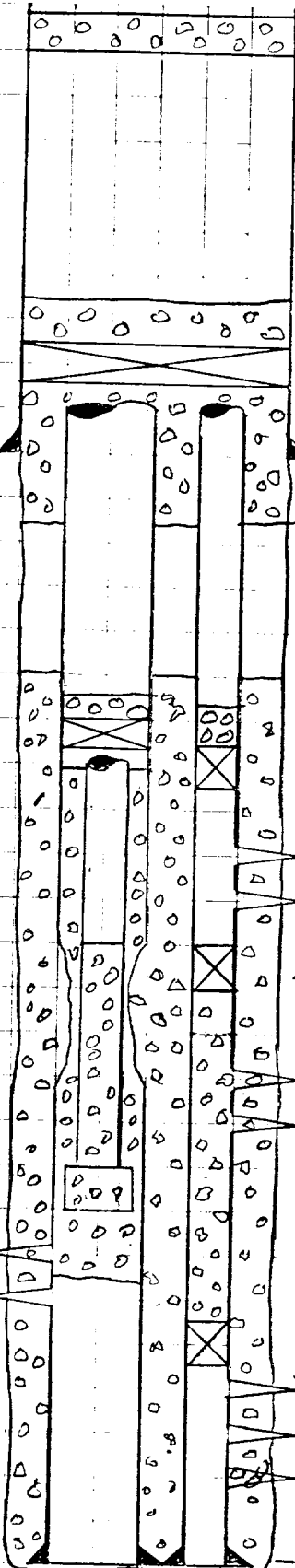
- TOC in 2-3/8" @ 4752'

- Kobe hydraulic pump
@ 5900'

Glorietta Perfs:

5963'-6002'

4-1/2", 9.5 & 11.6 pps, J-55
casing set at 6750'



50' cement plug
@ surface

TOC @ 1520'
10-3/4" Cmt. Ret @ 1570'

4-1/2" & 2-7/8" casing
cut @ 1575' and
pulled
BOC @ 1695'

- TOC @ 4550'

- CIBP @ 4600'

- San Andres Perfs:
4671'-4716

- Cement Retainer @ 4740'

- San Andres Perfs:
4747-67

- CIBP @ 6050'

- Blinberry Perfs:
6393'-6476'
6560'-6690 (SQUEEZED)

- 2-7/8", 6.4 pps, J-55 casing
set @ 6750'

9-7/8" Hole

Conoco Inc.
Calculation Sheet

Job No.

Made By TB

Checked By

Date 11/1/88

Released to Imaging: 12/29/2024 1:48:25 PM

Page

Field

Submit 3 Copies
to Appropriate
District Office

State of New Mexico
Encl. Minerals and Natural Resources Department

Form C-103
Revised 1-1-89

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

OIL CONSERVATION DIVISION P.O. Box 2088 Santa Fe, New Mexico 87504-2088

WELL API NO.

30-025-20664

5. Indicate Type of Lease

STATE ☒

FEE ☐

6. State Oil & Gas Lease No.

B-3196

7. Lease Name or Unit Agreement Name

State H-35

8. Well No.

10

9. Pool name or Wildcat

Vacuum G-SA

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"
(FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well:

OIL

WELL ☒

GAS

WELL ☐

OTHER

2. Name of Operator

Conoco Inc.

3. Address of Operator

P. O. Box 460 - Hobbs, NM 88240

4. Well Location

Unit Letter G : 2030 Feet From The north Line and 1780 Feet From The east Line

Section 35

Township 17S

Range 34E

NMPM

Lea

County

10. Elevation (Show whether DF, RKB, RT, GR, etc.)

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐

PLUG AND ABANDON ☐

TEMPORARILY ABANDON ☐

CHANGE PLANS ☐

PULL OR ALTER CASING ☐

OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐

ALTERING CASING ☐

COMMENCE DRILLING OPNS. ☐

PLUG AND ABANDONMENT ☒

CASING TEST AND CEMENT JOB ☐

OTHER: ☐

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

MIRU. G11H at 4 1/2' prod csy & cut 2 3/4" Hby at 3284'. POOH. Run csy scraper to 3284'. POOH. G11H set CIBP at 3284'. Dump loaded 5 1/2" sx. Cement on top of plug. G11H w/ csy & set CIBP at 4300'. Dump loaded 1 1/2" sx. Cement on top of plug. POOH. G11H w/ 2 3/4" csy, sand cut at 1575'. POOH & land 2 3/4" csy. G11H w/ 4 1/2" csy & cut at 1570'. POOH & land 4 1/2" csy. G11H w/ 10 3/4" csy scraper. Stop at 124'. POOH. G11H w/ 3 1/2" Hby. Stop at 124'. POOH. Rll plug cement & G11H w/ 6 1/2" set & collar. Cement to 1570'. POOH. G11H w/ 2 3/4" Hby. Circ hole off ppgment. Spot 100 sxs cement at 1570'. Spot 50 sxs cement at 770'. Spot 50 sxs cement at surface. Rig down. Cut surface. csy & land on POOH marker on 11/27/88

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE

TITLE

Administrative Supervisor

DATE

January 15, 1989

TYPE OR PRINT NAME

D. F. Finney

TELEPHONE NO. (EOE) 397-5800

(This space for State Use)

APPROVED BY

TITLE

DATE

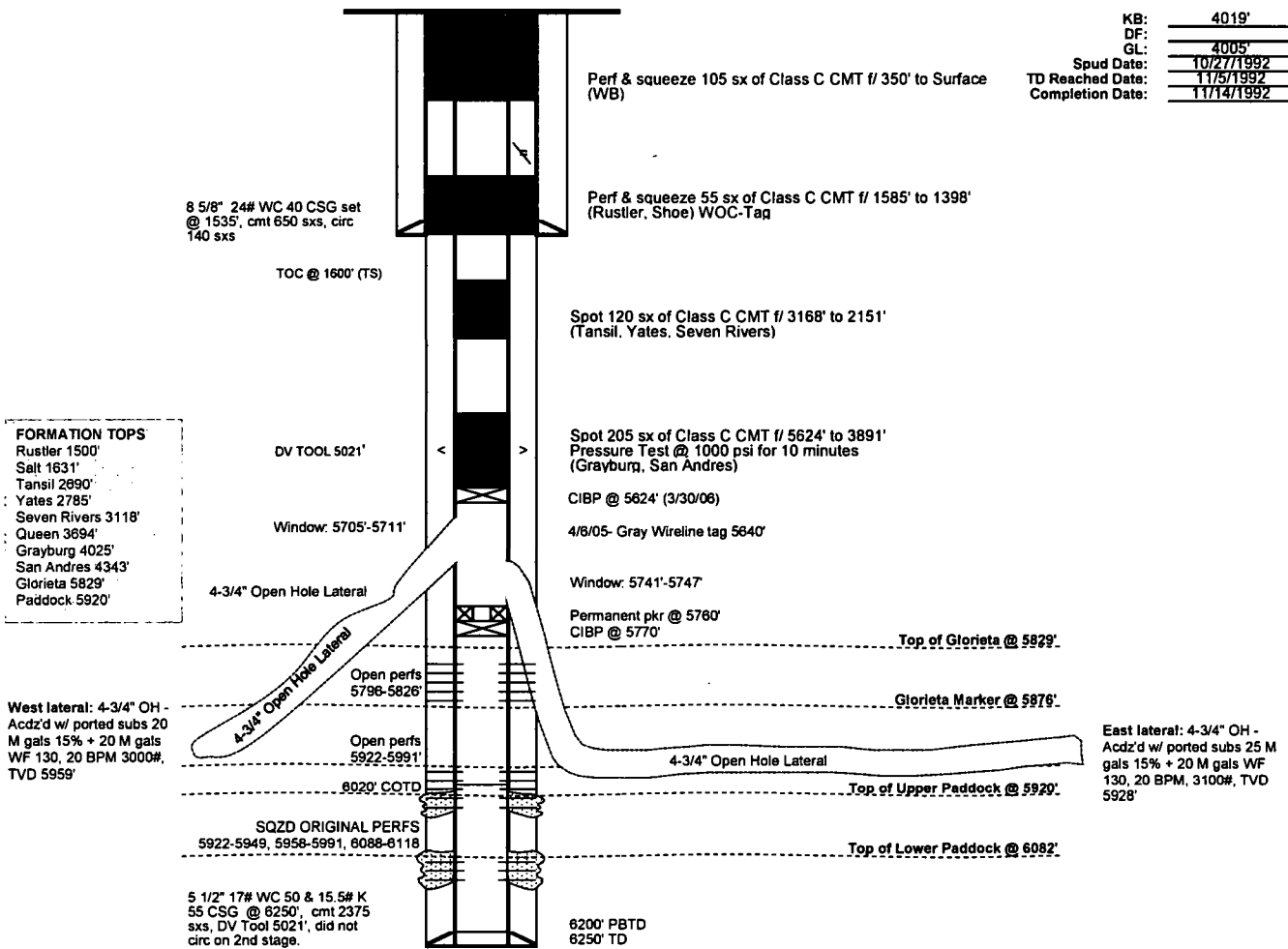
OIL & GAS INSPECTOR

FEB 15 1989

CONDITIONS OF APPROVAL, IF ANY:

Lease: Vacuum Glorieta West Unit 78H Field: Vacuum Glorieta Field Surface Location: 2491' FNL & 127 FWL Unit Letter: E
 API: 30-025-31707 Status: TA Injector Section: 36 TSHP/Rng: 17S-34E
 Chevro: QU2839 Cost Center: UCT492400 County: Lea State: NM

KB: 4019'
 DF:
 GL: 4005'
 Spud Date: 10/27/1992
 TD Reached Date: 11/5/1992
 Completion Date: 11/14/1992



Submit 1 Copy To Appropriate District Office
District I – (575) 393-6161
 1625 N. French Dr., Hobbs, NM 88240
District II – (575) 748-1283
 811 S. First St., Artesia, NM 88210
District III – (505) 334-6178
 1000 Rio Brazos Rd., Aztec, NM 87410
District IV – (505) 476-3460
 1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
 Energy, Minerals and Natural Resources

OIL CONSERVATION DIVISION
 1220 South St. Francis Dr.
 Santa Fe, NM 87505

Form C-103
 Revised August 1, 2011

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" (FORM C-101) FOR SUCH PROPOSALS.)		WELL API NO. 30-025-31707
1. Type of Well: Oil Well ☒ Gas Well ☐ Other ☐		5. Indicate Type of Lease STATE ☒ FEE ☐
2. Name of Operator Chevron USA, Inc		6. State Oil & Gas Lease No.
3. Address of Operator 6301 Deauville Blvd, Midland, Tx 79706		7. Lease Name or Unit Agreement Name Vacuum Glorieta West Unit
4. Well Location Unit Letter E: 2491 feet from the North line and 127 feet from the West line Section 36 Township 17S Range 34E, NMPM, County Lea		8. Well Number: 78H
11. Elevation (Show whether DR, RKB, RT, GR, etc.)		9. OGRID Number 4323
10. Pool name or Wildcat Vacuum Glorieta		10. Pool name or Wildcat Vacuum Glorieta

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

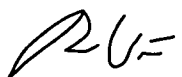
NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☐	REMEDIAL WORK ☐	ALTERING CASING ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐	COMMENCE DRILLING OPNS. ☐	P AND A ☒
PULL OR ALTER CASING ☐	MULTIPLE COMPL ☐	CASING/CEMENT JOB ☐	
DOWNHOLE COMMINGLE ☐		OTHER: ☐	

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion. 8 5/8" @ 1535' TOC Surface, 5 1/2" @ 6935' TOC 1600', CIBP @ 5624'

Chevron USA Inc completed abandonment of this well as follows:

12/16/19: MIRU CTU. Perforate at 1585'. Unable to establish injection rate. Spot 25 SKS Class C, 14.8 PPG 1.32 YLD, F/1635' T/ 1398'. WOC. Perforate at 350'. Unable to establish injection rate. Tag TOC at 1388' M/P 23 BBLS MLF. Spot 51 SKS Class C, 14.8 PPG 1.32 YLD, F/400 T/ surface – good cement returns to surface. Top off well with 2 SKS Class C. RDMO.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

X 

Ricky Villanueva
 Well Abandonment Engineer

SIGNATURE

For State Use Only

APPROVED BY:  TITLE C.O. A DATE 12-20-19

Conditions of Approval (if any):

E-mail address: RYQG@chevron.com PHONE: 432-687-7786

PLUGGING & ABANDONMENT WORKSHEET (2 STRING CSNG)

OPERATOR TEXACO Exploration & Production
 LEASENAME VACUUM COLLETA WEST UNIT

WELL # 111
 SECT 2 TWN 18S RNG 34E
 FROM 330 N/S L 330 E/W L
 TD: 6850 FORMATION @ TD VACUUM
 PBTD: FORMATION @ PBTD COLLETA
PAO LOCK

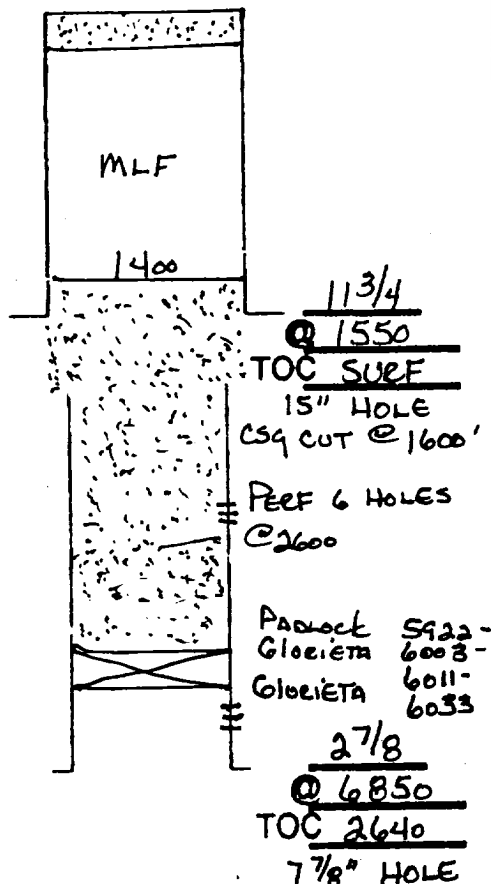
	SIZE	SET @	TOC	TOC DETERMINED BY
SURFACE	113/4	1550	SURF	CIRC
INTMED 1	2 7/8	6850	2640	CBL
INTMED 2				
PROD				
	SIZE	TOP	BOT	TOC DETERMINED BY
LINER 1				
LINER 2				
	CUT & PULL @		TOP - BOTTOM	
INTMED 1	1600'	PERFS	-	
INTMED 2		OPENHOLE	-	
PROD				

*REQUIRED PLUGS DISTRICT I

PLUGGER (AMT)	
YATES	
QUEEN	
ORAYBUR	
SAN ANDRES	
CAPTAN REEF	
DELAWARE	
BELL CANYON	
CHERRY CANYON	
BURNET CANYON	
BONE SPRING	
COLLETA	
CLINEBY	
TUBS	
DEBARD	
ABO	
WC	
FIDON	
STRAWN	
ATOKA	
MORROW	
ARM	
DEVONIAN	

PLUG	TYPE	SACKS	DEPTH
PLUG	PLUG	CMNT	
EXAMPLES			
PLUG #1	OH	35 SXS	6400'
PLUG #2	SHOE	30 SXS	5350'-5450'
PLUG #3	CIBP/35'		4800'
PLUG #4	CIBP	25 SXS	4800'
PLUG #5	STUB	50 SXS	3600'-3700'
PLUG #6	REINR SQZ	200 SXS	100'
PLUG #6	SURF	10 SXS	0-10'
PLUG #1	CIBP	80	5875'-2600'
PLUG #2	YATES	50	2600'-2400'
PLUG #3	SHOE	75	1600'-1400'
PLUG #4	SURF	10	10'-SURF
PLUG #5			
PLUG #6			
PLUG #7			
PLUG #8			
PLUG #9			
PLUG #10			
PLUG #11			
PLUG #12			
PLUG #13			
PLUG #14			
PLUG #15			
PLUG #16			
PLUG #17			
PLUG #18			
PLUG #19			
PLUG #20			

COLLETA
SALT
SALT



TD 6850

State 35 Unit #128 (previously VGWU #91)

API: 30-025-31873

Lea County, NM

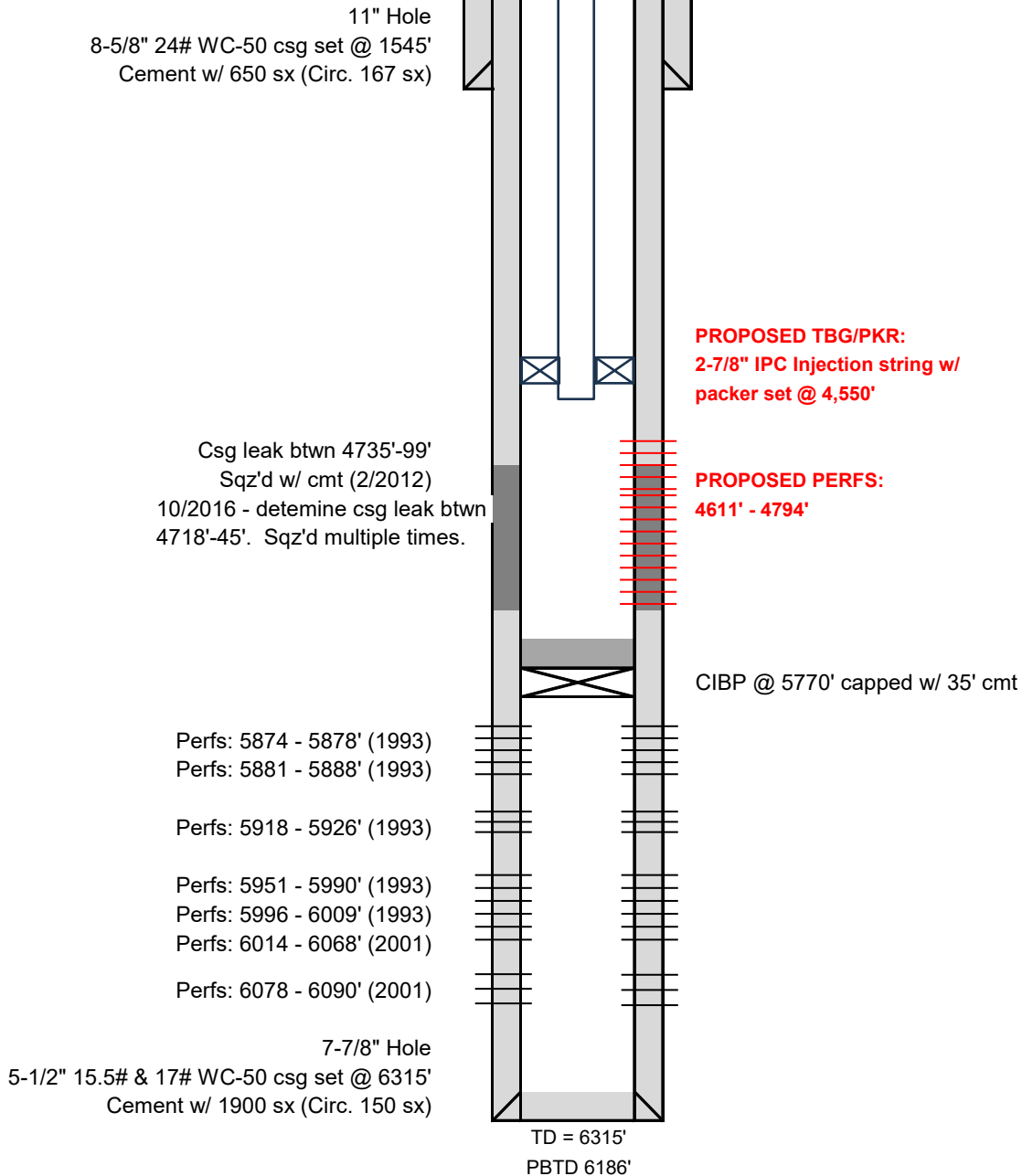
Current Status: TA'd Injector

Proposed Procedure

1. MIRU. PU workstring and bit and TIH.
2. Drill out cmt (est'd @ 4,615') and CIBP @ 4,650'. DO CIBP @ 4,750'. Clean to top of next plug at 5,730' and POOH.
3. Perforate San Andres from 4,611' - 4,794' @ 2 SPF, 120 shots.
4. RIH w/ tbg and packer. Set packer above perfs. Acidize perfs 4,611' – 4,794' with 9,000 gals 15% HCL with rock salt for diversion.
5. POOH w/ tbg and packer.
6. PU and RIH w/ injection string and injection packer. Set packer @ 4,550'.
7. Pressure test tubing/casing annulus. Release from packer. Circulate backside with packer fluid. Notify NMOCD - ready to MIT. Perform MIT as directed.
8. RDMO. Turn well to injection.

STATE 35 #128 INJECTION WELL (fka: VGWU WI-91)**API No. 30-025-31873****Well Location**

1459' FSL & 1048' FEL
 Unit Letter I
 Section 35
 Township 17-S
 Range 34-E
 Lea County, New Mexico
 Elev: 4010' GR, 4024' KB

PROPOSED WBD

VGWU WI-91
API No. 30-025-31873
TA'd Water Injector

Well Location

1459' FSL & 1048' FEL
Unit Letter I
Section 35
Township 17-S
Range 34-E
Lea County, New Mexico
Elev: 4010' GR, 4024' KB

TA'd - 11/2016

11" Hole
8-5/8" 24# WC-50 csg set @ 1545'
Cement w/ 650 sx (Circ. 167 sx)

Csg leak btwn 4735'-99'
Sqz'd w/ cmt (2/2012)

CIBP @ 4650' capped w/ 35' cmt

CIBP @ 4750' (should have been higher)
10/2016 - determine csg leak btwn
4718'-45'. Sqz'd multiple times.

CIBP @ 5770' capped w/ 35' cmt

Perfs: 5874 - 5878' (1993)
Perfs: 5881 - 5888' (1993)

Perfs: 5918 - 5926' (1993)

Perfs: 5951 - 5990' (1993)
Perfs: 5996 - 6009' (1993)
Perfs: 6014 - 6068' (2001)

Perfs: 6078 - 6090' (2001)

7-7/8" Hole
5-1/2" 15.5# & 17# WC-50 csg set @ 6315'
Cement w/ 1900 sx (Circ. 150 sx)

TD = 6315'
PBTD 6186'

MorningStar Operating LLC
400 W 7TH ST
FORT WORTH TX 76102-4701

\$5.82 US POSTAGE

FIRST-CLASS IMI

Dec 05 2024

Mailed from ZIP 76102

2 OZ FIRST-CLASS MAIL LETTER
RATE

11923275



endicia

063S0011718298

USPS CERTIFIED MAIL



9407 1118 9876 5455 6043 89

NM STATE LAND OFFICE
PO BOX 1148
310 OLD SANTA FE TRAIL
SANTA FE NM 87504-1148



OCD C-108 APPL TO INJECT VGWU 91



MORNINGSTAR
PARTNERS

December 5, 2024

RE: OCD Application for Authorization to Inject
VGWU #91 – State 35 Unit #128
API 30-025-31873
Lea County, New Mexico

Notice to Surface Owner and Offset Leasehold Operators

MorningStar Operating LLC, Operator of the Vacuum Glorieta West Unit #91, has filed an application with the New Mexico Oil Conservation Division to convert the VGWU #91 WIW to the State 35 Unit #128 Injection Well, for injection into the San Andres formation. The well is located 1459' FSL and 1048" FEL, Unit Letter I, Section 35, T17S, R34E, in Lea County, New Mexico.

Attached is a copy of OCD Form C-108 and the information relative to the water /CO2 injection conversion of the referenced well. A copy of the legal notice posted in the Hobbs News Sun is enclosed and a map indicating the location of the VGWU #91 in relation to the offset wells.

If additional information is required, please contact me at MorningStar Operating LLC, 817-334-7882.

Interested parties must file objections or requests for hearing within 15 days with the Oil Conservation Division, 1220 South St. Francis Dr., Santa Fe, New Mexico, 87505.

Sincerely,

Connie Blaylock

Connie Blaylock
Sr. Regulatory Analyst
MorningStar Operating LLC

Enclosure

400 WEST 7TH STREET ★ FORT WORTH, TX 76102

Affidavit of Publication

STATE OF NEW MEXICO
COUNTY OF LEA

I, Daniel Russell, Publisher of the Hobbs News-Sun, a newspaper published at Hobbs, New Mexico, 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
October 25, 2024
and ending with the issue dated
October 25, 2024.



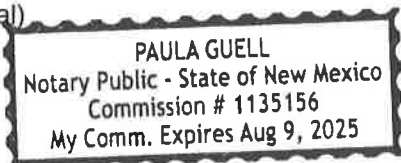
Publisher

Sworn and subscribed to before me this
25th day of October 2024.



Notary

My commission expires
August 09, 2025
(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 **October 25, 2024**

Notice is hereby given of the application of MORNINGSTAR OPERATING LLC, 400 West 7th Street, Fort Worth, TX 76102, to the Oil Conservation Division of the State of New Mexico, and the Commissioner of Public Lands, State of New Mexico, for approval to convert the Vacuum Glorieta West Unit #91 WIW to the State 35 Unit #128 Injection Well.

The State 35 Unit #128 is located 1459' FSL and 1048' FEL, Unit Letter I, Sec. 35, T17S, R34E, in Lea County, New Mexico.

The injection interval is in the San Andres formation from 4610' - 4795', through perforations. The maximum injection rate will be 3000 BWPD or 7500 MCFPD (CO2/Produced Gas), with a maximum allowable pressure of 1850 PSI.

Interested parties should file objections or requests for hearing within 15 days with the Oil Conservation Division, 1220 South St. Francis Drive, Santa Fe, New Mexico, 87505. Inquiries regarding this application should be directed to MorningStar Operating LLC, Attn: Connie Blaylock, 400 West 7th Street, Fort Worth, TX, 76102, 817-334-7882.
#00295444

67118393

00295444

CONNIE BLAYLOCK
TXO PARTNERS, LP
400 W. 7TH STREET
FT. WORTH, TX 76102

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/oed/contact-us>

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 409126

CONDITIONS

Operator: MorningStar Operating LLC 400 W 7th St Fort Worth, TX 76102	OGRID: 330132
	Action Number: 409126
	Action Type: [C-108] Fluid Injection Well (C-108)

CONDITIONS

Created By	Condition	Condition Date
mgebremichael	None	12/29/2024