

OFFSET OPERATORS TO

XTO ENERGY INC.'S
SOUTHEAST MALJAMAR GAS SAN ANDRES UNIT
SEC. 29, TWN 17S, RNG 33E
LEA COUNTY, NEW MEXICO
WELL NO. 708

COG OPERATING LLC
550 W. TEXAS STE 1300
MIDLAND, TX 79701

CONOCO PHILLIPS
P.O. BOX 2197
HOUSTON, TX 77252

FORREST OIL CORP.
1600 BROADWAY STE 2200
DENVER, CO 80202

LATIGO PETROLEUM, INC.
15 WEST 16TH STREET STE 1100
TULSA, OK 74119

MACK ENERGY INC.
P.O. BOX 960
ARTESIA, NM 88211 0960

OXY USA INC
P.O. BOX 50250
MIDLAND, TX 79710

REUBIN COLLINS DBA RCJ ENTERPRISES
P. O. BOX 6055
HOBBS, NM 88241 6055

WISER OIL
SEC. 29
8115 PRESTON RD
DALLAS, TX 75225



June 25, 2006

CAVINESS FAMILY TRUST
3718 NEW MEXICO 114
CAUSEY, NM 88113

Re: Southeast Maljamar Gas San Andres Unit
Well No. 708
Sec. 29, T 17S, R 33E
LEA COUNTY, NM

Gentlemen:

XTO Energy Inc. is hereby giving Notice of Application for Fluid Injection into the above named well.

Fluid will be injected into strata in the subsurface depth interval from 4255-4292' which is the Grayburg-San Andres formation in the Maljamar; Grayburg-San Andres. The estimated maximum injection rate is 250 BWPD and maximum pressure of 850 PSI.

Attached please find a copy of XTO's application to use this well as an injection well and a copy of the newspaper notification.

Request for public hearing or objections are to be submitted in writing to OIL CONSERVATION DIVISION, 1220 ST. FRANCIS DR., SANTA FE, NM 87505, within fifteen (15) days of receiving this letter.

Thank you for your consideration in this matter.

Sincerely,

A handwritten signature in cursive script that reads 'M Lyn Marr'.

M. Lyn Marr
Regulatory Analyst/New Mexico
432/620-6714
e-mail: lyn_marr@xtoenergy.com



June 25, 2006

COG OPERATING LLC
550 W. TEXAS STE 1300
MIDLAND, TX 79701

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Sec. 29, T 17S, R 33E
LEA COUNTY, NM

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Thank you for your consideration in this matter.

Sincerely,

A handwritten signature in black ink that reads 'M. Lyn Marr'.

M. Lyn Marr
Regulatory Analyst/New Mexico
432/620-6714
e-mail: lyn_marr@xtoenergy.com



June 25, 2006

CONOCO PHILLIPS
P. O. BOX 2197
HOUSTON, TX 77252

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Well No. 708
Sec. 29, T 17S, R 33E
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e-mail: lyn_marr@xtoenergy.com



June 25, 2006

FORREST OIL CORP.
1600 BROADWAY STE 2200
DENVER, CO 80202

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M. Lyn Marr
Regulatory Analyst/New Mexico
432/620-6714
e-mail: lyn_marr@xtoenergy.com



June 25, 2006

LATIGO PETORLEUM INC.
15 WEST 16TH STREET STE 1100
TULSA, OK 74119

Re: Southeast Maljamar Gas San Andres Unit
Well No. 708
Sec. 29, T 17S, R 33E
LEA COUNTY, NM

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M. Lyn Marr
Regulatory Analyst/New Mexico
432/620-6714
e-mail: lyn_marr@xtoenergy.com



June 25, 2006

MACK ENERGY INC.
P. O. BOX 960
ARTESIA, NM 88211-0960

Re: Southeast Maljamar Gas San Andres Unit
Well No. 708
Sec. 29, T 17S, R 33E
LEA COUNTY, NM

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M. Lyn Marr
Regulatory Analyst/New Mexico
432/620-6714
e-mail: lyn_marr@xtoenergy.com



June 25, 2006

OXY USA INC.
P. O. BOX 50250
MIDLAND, TX 79710

Re: Southeast Maljamar Gas San Andres Unit
Well No. 708
Sec. 29, T 17S, R 33E
LEA COUNTY, NM

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June 25, 2006

WISER OIL
8115 PRESTON RD.
DALLAS, TX 75225

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Well No. 708
Sec. 29, T 17S, R 33E
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WELLS WITHIN THE AREA OF REVIEW THAT PENETRATE THE PROPOSED INJECTION ZONE

Well Name	API	Well Type	Casing Depth	Hole Size	Casing Size	Construction			TOC By	DV Tools	Date Drilled	Sec-Twp-Rng	Location		Depth	Record of Completion Status
						Cement Pmpd (sx)	Top of Cement	Cement					Footage	Footage		
SEMGSAU 708*	3002524391	Oil	4316	7.875	5.500	435	2540	Temp surv			3/73 - 4/73	29-17S-33E	100 FSL 2590 FEL	4316	TAD	
SEMGSAU 708*			819	12.250	8.625	500	Surface	Circ to surf								
SEMGSAU 507	3002526462	Oil	3888	7.875	5.500	800	1400	Temp surv			12/79 - 3/80	29-17S-33E	2615 FNL 2615 FEL	4380	TAD	
SEMGSAU 507			1300	12.250	8.625	660	Surface	Circ to surf								
SEMGSAU 602	3002501540	Oil	4060	8.250	7.000	100	Not available	Not available			4/43 - 7/43	29-17S-33E	660 FSL 1980 FWL	4319	P&A	
SEMGSAU 602			1300	unknown	8.000	25	Not available	Not available								
SEMGSAU 603	3002501541	Oil	3950	8.875	7.000	75	Not available	Not available			8/43 - 11/43	29-17S-33E	1980 FSL 1980 FWL	4300	P&A	
SEMGSAU 603			1265	12.500	8.625	100	Not available	Not available								
SEMGSAU 604	3002501542	Wtr Inj	3963	8.875	7.000	75	Not available	Not available			9/43 - 12/43	29-17S-33E	660 FSL 660 FWL	4302	Active	
SEMGSAU 604			1260	10.875	8.625	50	Not available	Not available								
SEMGSAU 605	3002501543	Oil	4035	8.750	7.000	240	Not available	Not available		1400'	8/47 - 11/47	29-17S-33E	1335 FSL 1335 FWL	4276	P&A	
SEMGSAU 605			20	unknown	10.000	15	Not available	Not available								
SEMGSAU 607	3002526957	Oil	3900	7.875	5.500	800	2735	Temp surv			8/80 - 10/80	29-17S-33E	1455 FSL 1330 FWL	4360	Active	
SEMGSAU 607			1302	12.250	8.625	660	Surface	Circ to surf								
SEMGSAU 608	3002531471	Oil	4550	7.875	5.500	1170	Surface	Circ to surf			11/91 - 1/92	29-17S-33E	123 FSL 1345 FWL	4550	Active	
SEMGSAU 608			309	12.250	8.625	250	Surface	Circ to surf								
SEMGSAU 610	3002532888	Wtr Inj	4397	7.875	5.500	900	300	Temp surv			4/95 - 5/95	29-17S-33E	1310 FSL 750 FWL	4397	Active	
SEMGSAU 610			348	12.250	8.625	250	Surface	Circ to surf								
SEMGSAU 612	3002532890	Oil	4473	7.875	5.500	1000	380	Temp surv			5/95 - 6/95	29-17S-33E	710 FSL 1425 FWL	4473	Active	
SEMGSAU 612			333	12.250	8.625	250	Surface	Circ to surf								
SEMGSAU 613	3002533336	Oil	4324	7.875	5.500	850	Surface	Circ to surf			4/96 - 6/96	29-17S-33E	1930 FSL 1516 FWL	4325	Active	
SEMGSAU 613			394	12.250	8.625	250	Surface	Circ to surf								
SEMGSAU 614	3002533337	Wtr Inj	4390	7.875	5.500	850	Surface	Circ to surf			4/96 - 6/96	29-17S-33E	1070 FSL 1888 FWL	4395	Active	
SEMGSAU 614			357	12.250	8.625	250	Surface	Circ to surf								
SEMGSAU 615	3002533591	Oil	4400	7.875	5.500	950	374	Temp surv			11/96 - 12/96	29-17S-33E	1900 FSL 2630 FWL	4400	Active	
SEMGSAU 615			418	12.250	8.625	275	Surface	Circ to surf								
SEMGSAU 616	3002533865	Oil	4358	7.875	5.500	950	Surface	Circ to surf			3/97 - 5/97	29-17S-33E	775 FSL 2590 FWL	4359	Active	
SEMGSAU 616			394	12.250	8.625	250	Surface	Circ to surf								
SEMGSAU 701	3002501548	Wtr Inj	4032	8.250	7.000	300	Not available	Not available			11/43 - 3/44	29-17S-33E	660 FSL 1980 FEL	4327	Active	
SEMGSAU 701			1286	12.000	10.750	500	Not available	Not available								
SEMGSAU 702	3002508334	Wtr Inj	4050	8.250	7.000	300	Not available	Not available			12/43 - 3/44	29-17S-33E	1980 FSL 1980 FEL	4400	Active	
SEMGSAU 702			1246	9.675	8.625	400	Not available	Not available								
SEMGSAU 703	3002501549	Wtr Inj	4290	7.875	5.500	300	3000	Temp surv			12/52 - 2/53	29-17S-33E	660 FSL 990 FEL	4340	Abandoned	
SEMGSAU 703			1260	11.000	8.625	550	Surface	Circ to surf								
SEMGSAU 704	3002501550	Oil	4246	7.875	5.500	800	1800	Temp surv			10/54 - 11/54	29-17S-33E	1650 FSL 990 FEL	4360	TAD	
SEMGSAU 704			297	11.000	8.625	300	Surface	Circ to surf								
SEMGSAU 705	3002523890	Oil	4448	7.875	5.500	355	2360	Temp surv			11/71 - 12/71	29-17S-33E	1395 FSL 2615 FEL	4450	Active	
SEMGSAU 705			369	12.250	8.625	300	Surface	Circ to surf								



200 N. Loraine, Ste. 800
Midland, TX 79701
Office: 432/682-6700
FAX: 432/684-9681

FACSIMILE TRANSMITTAL

TO: DOROTHY **CO: OIL CONSERVATION DIV.**

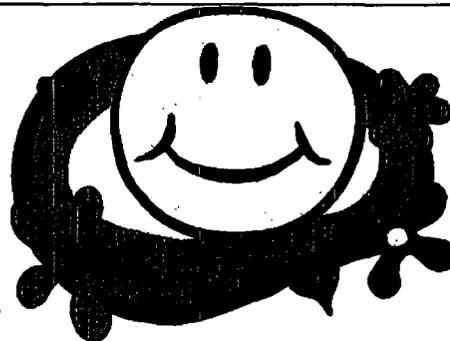
FAX NO: 1-505-476-3462 **NO. PAGES: 4**

FROM: LYN MARR **PHONE: 432/620-6714**

DATE: 7/11/2006 **E-MAIL: lyn_marr@xtoenergy.com**

MESSAGE:

Dorothy, These are the pages left out of the Injection Request Federal
Expressed to the OCD yesterday. The Injection data sent was for the
Southeast Maljimar Gas San Andres Unit, Well #708, Lea County.
Thank you for getting these to David with the rest of the package.
Appreciate your help, lyn



HAVE A VERY GOOD DAY!!

XTO Energy, Inc.
SEMGS AU #708 – Convert to Injection
NMOCD Form C-108 Additional Information

Section III. WELL DATA

A. Injection well information (see attached schematic)

1. Lease: SEMGS AU
Well : 708
Location : 100' FSL & 2590' FEL, Unit O
Section 29, T17S, R33E
Lea County, New Mexico
2. Casing :
Surface – 8 5/8", 24# @ 819', cmt'd w/ 500 sxs, circ to surface.
Hole - 12 1/4"
Production – 5 1/2", 14# @ 4316', cmt'd w/ 435 sx, TOC @ 2540'
(temp survey in 73)
Hole - 7 7/8"
3. Tubing : 2 3/8", 4.7#, J-55, internally plastic coated to be set @ 4200'
4. Packer : BJ Arrowset 1-X set @ 4200'

B. Other well information

1. Injection formation: Grayburg-San Andres
Field: Maljamar ; Grayburg – San Andres
2. Existing case hole perforated from 4255'-4292'
3. Well was originally drilled for oil & gas production.
4. There are no other perforated or tested zones.
5. There are no upper productive zones. The Grayburg – San Andres formation is productive and is included in this pool. The Abo formation is productive at about 8600'.

Section IX. Proposed stimulation program

Any stimulation work will consist of acidizing the existing zone to clean up perforations and near wellbore formation

Section X. Log and test data on well

The subject well was drilled and completed as the "SMGSAU Tr. 7 Well No. 8 in 1973. Open hole logs were submitted when the well was drilled as well as the initial production data for subject well. Well name was changed to SEMGSAU #708 and approved by NM OCD in May 1997

Section XI. Fresh Water Wells in Area

There are no fresh water wells within one mile of this well

Section XII. Disposal Well Statement

Not applicable since this will be an injection well

Section XIII. "Proof of Notice" section

Copies of this C-108 application have been mailed to the surface owner and to each leasehold operator within one-half mile of the proposed injection well. A notice was published in the Hobbs Daily News-Sun and the Affidavit of Publication is attached. See attached mailing list and certified mail certificates for Proof of Notice.

NMOCD Form C-108 Sections VII- VIII**Section VII.**

1. Proposed average daily injection is 250 BWPD. Maximum expected daily injection is 750 BWPD
2. This will be a closed system
3. Proposed average injection pressure 800 psig.
Proposed maximum injection pressure 850 psig.
NOTE: Maximum injection pressure abides by the 0.2 psig/ft maximum injection pressure imposed by the NMOCD. Future increases in surface pressure will be obtained administratively from the NMOCD using field obtained "Step Rate Tests"
4. Injection fluid will be produced water from the existing waterflood. Make-up water will be supplied by ConocoPhillips. Water analyses are attached.

Section VIII.

The proposed injection interval is the Grayburg/San Andres at a depth of 3740-4430 feet. The Grayburg formation primarily consists of Quartz sand with dolomitic cementation. The surface formation is Cretaceous and has no known sources of drinking water.

TRANSACTION REPORT

P. 01

JUL-11-2006 TUE 09:14 AM

FOR:

RECEIVE

DATE	START	SENDER	RX TIME	PAGES	TYPE	NOTE	M#	DP
JUL-11	09:12 AM	4326849681	1'18"	3	RECEIVE	OK		



200 N. Loraine, Ste. 800
Midland, TX 79701
Office: 432/682-6700
FAX: 432/684-9681

FACSIMILE TRANSMITTAL

TO: DAVID CATANACH CO: OIL CONSERVATION DIV.

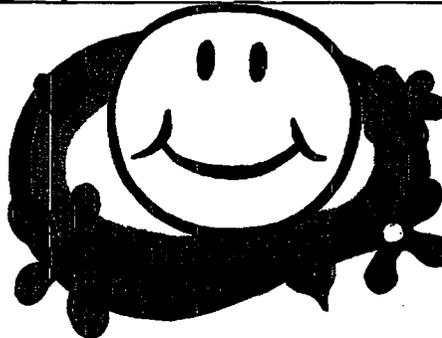
FAX NO: 1-505-476-3462 NO. PAGES: 4 5

FROM: LYN MARR PHONE: 432/620-6714

DATE: 8/16/2006 E-MAIL: lyn_marr@xtoenergy.com

MESSAGE:

DAVID, Well here I go again.....I truly hope I send this to the
Right place this time.
Thanks for all your help.....rack it up to "very old age"""
The mind is just gooooooiiiiinnnnnnng!
Thanks Lyn <i>One More Time!</i>



HAVE A VERY GOOD DAY!!

XTO ENERGYWELLS IN AREA OF REVIEW

WELL NAME	API	WELL TYPE	CSG DEPTH	HOLE	CSG	CMT	TOP CMT	TOC BY	DV	DATE DRLD	LOC	FOOTAGE	COMP REC.
SEMGSAU 708*	3.003E+09	Oil	4316	7.875	5.5	435	2540	TS		3/73 - 4/73	29-17S-33E	100 FSL 2590 FWL	4316 TA
SEMGSAU 708*			819	12.25	8.625	500	Surf	CS					
SEMGSAU 507	3.003E+09	Oil	3888	7.875	5.5	800	1400	TS		12/79 - 3/80	29-17S-33E	2615 FNL 2615 FEL	4380 TA
SEMGSAU 507			1300	12.25	8.625	660	Surf	CS					
SEMGSAU 602	3.003E+09	Oil	4060	8.25	7	100	2790	Calc		4/43 - 7/43	29-17S-33E	660 FSL 1980 FWL	4319 P&A
SEMGSAU 602			1300	10	8	25	1132	Calc					
SEMGSAU 603	3.003E+09	Oil	3950	8.875	7	75	3340	Calc		8/43 - 11/43	29-17S-33E	1980 FSL 1980 FWL	4300 P&A
SEMGSAU 603			1265	12.5	8.625	100	969	Calc					
SEMGSAU 604	3.003E+09	Wtr Inj	3963	8.875	7	75	3353	Calc		9/43 - 12/43	29-17S-33E	660 FSL 660 FWL	4302 A
SEMGSAU 604			1260	10.875	8.625	50	984	Calc					
SEMGSAU 605	3.003E+09	Oil	4035	8.75	7	240	1928	Calc	1400'	8/47 - 11/47	29-17S-33E	1335 FSL 1335 FWL	4276 P&A
SEMGSAU 605			20	12.25	10	15	Surf	Calc					
SEMGSAU 607	3.003E+09	Oil	3900	7.875	5.5	800	2735	TS		8/80 - 10/80	29-17S-33E	1455 FSL 1330 FWL	4360 A
SEMGSAU 607			1302	12.25	8.625	660	Surf	CS					
SEMGSAU 608	3.003E+09	Oil	4550	7.875	5.5	1170	Surf	CS		11/91 - 1/92	29-17S-33E	123 FSL 1345 FWL	4550 A
SEMGSAU 608			309	12.25	8.625	250	Surf	CS		4/95 - 5/95	29-17S-33E	1310 FSL 750 FWL	4397 A
SEMGSAU 610	3.003E+09	Wtr Inj	4397	7.875	5.5	900	300	TS					
SEMGSAU 610			348	12.25	8.625	250	Surf	CS		5/95 - 6/95	29-17S-33E	710 FSL 1425 FWL	4473 A
SEMGSAU 612	3.003E+09	Oil	4473	7.875	5.5	1000	380	TS					
SEMGSAU 612			333	12.25	8.625	250	Surf	CS		4/96 - 6/96	29-17S-33E	1930 FSL 1516 FWL	4325 A
SEMGSAU 613	3.003E+09	Oil	4324	7.875	5.5	850	Surf	CS		4/96 - 6/96	29-17S-33E	1070 FSL 1888 FWL	4395 A
SEMGSAU 613			394	12.25	8.625	250	Surf	CS					
SEMGSAU 614	3.003E+09	Wtr Inj	4390	7.875	5.5	850	Surf	CS		4/96 - 6/96	29-17S-33E	1900 FSL 2630 FWL	4400 A
SEMGSAU 614			357	12.25	8.625	250	Surf	CS					
SEMGSAU 615	3.003E+09	Oil	4400	7.875	5.5	950	374	TS		11/96 - 12/96	29-17S-33E	775 FSL 2590 FWL	4359 A
SEMGSAU 615			418	12.25	8.625	275	Surf	CS					
SEMGSAU 616	3.003E+09	Oil	4358	7.875	5.5	950	Surf	CS		3/97 - 5/97	29-17S-33E		
SEMGSAU 616			394	12.25	8.625	250	Surf	CS					

XTO ENERGY

WELLS IN AREA OF REVIEW

WELL NAME	API	WELL TYPE	CSG DEPTH	HOLE	CSG	CMT	TOP CMT	TOC BY	DV	DATE DRLD	LOC	FOOTAGE	COMP REC.
SEMGS AU 701	3.003E+09	Wtr Inj	4032	8.25	7	300	223	Calc		11/43 - 3/44	29-17S-33E	660 FSL 1980 FEL	4327 A
SEMGS AU 701			1286	12	10.75	500	Surf	Calc					
SEMGS AU 702	3.003E+09	Wtr Inj	4050	8.25	7	300	241	Calc		12/43 - 3/44	29-17S-33E	1980 FSL 1980 FEL	4400 A
SEMGS AU 702			1246	9.675	8.625	400	Surf	Calc					
SEMGS AU 703	3.003E+09	Wtr Inj	4290	7.875	5.5	300	3000	TS		12/52 - 2/53	29-17S-33E	660 FSL 990 FEL	4340 PA
SEMGS AU 703			1260	11	8.625	550	Surf	CS					
SEMGS AU 704	3.003E+09	Oil	4246	7.875	5.5	800	1800	TS		10/54 - 11/54	29-17S-33E	1650 FSL 990 FEL	4360 TA
SEMGS AU 704			297	11	8.625	300	Surf	CS					
SEMGS AU 705	3.003E+09	Oil	4448	7.875	5.5	355	2360	TS		11/71 - 12/71	29-17S-33E	1395 FWL 2615 FEL	4450 A
SEMGS AU 705			369	12.25	8.625	300	Surf	CS					
SEMGS AU 706	3.003E+09	Oil	4350	7.875	5.5	435	2420	TS		8/72 - 8/72	29-17S-33E	1155 FSL 1385 FWL	4350 A
SEMGS AU 706			354	11	8.625	200	Surf	CS					
SEMGS AU 707	3.003E+09	D&A	4429	7.875	5.5	435	1740	TS		11/72 - 3/73	29-17S-33E	100 FSL 1430 FEL	4430 D&A
SEMGS AU 707			810	11	8.625	350	Surf	CS					
SEMGS AU 709	3.003E+09	Oil	3950	7.875	5.5	1000	Surf	CS		9/81 - 12/81	29-17S-33E	2250 FSL 1225 FEL	4450 A
SEMGS AU 709			1314	12.25	8.625	735	Surf	CS					
SEMGS AU 710	3.003E+09	Wtr Inj	4394	7.875	5.5	850	Surf	CS		4/96 - 6/96	29-17S-33E	1165 FSL 2010 FEL	4400 A
SEMGS AU 710			404	12.25	8.625	250	Surf	CS					
SEMGS AU 711	3.003E+09	Oil	4404	7.875	5.5	800	2102	TS		10/96 - 12/96	29-17S-33E	1040 FSL 330 FEL	4405 A
SEMGS AU 711			407	12.25	8.625	275	Surf	CS					
SEMGS AU 712	3.003E+09	Oil	4499	7.875	5.5	850	1350	TS		11/96 - 1/97	29-17S-33E	330 FWL 330 FEL	4500 A
SEMGS AU 712			405	12.25	8.625	275	Surf	CS					
SEMGS AU 713	3.003E+09	Oil	4389	7.875	5.5	850	710	TS		3/97 - 5/97	29-17S-33E	1700 FWL 1400 FEL	4390 P&A
SEMGS AU 713			388	12.25	8.625	250	Surf	CS					
SEMGS AU 714	3.003E+09	Wtr Inj	4450	7.875	5.5	900	680	TS		3/97 - 5/97	29-17S-33E	1200 FSL 900 FEL	4450 A
SEMGS AU 714			383	12.25	8.625	250	Surf	CS					

XTO ENERGY

WELLS IN AREA OF REVIEW

WELL NAME	API	WELL TYPE	CSG DEPTH	HOLE	CSG	CMT	TOP CMT	TOC BY	DV	DATE DRLD	LOC	FOOTAGE	COMP REC.
Carper State 1	3.003E+09	D&A	2915	11	8.625	250	1617	Calc		6/61 - 7/61	32-17S-33E	777 FNL 330 FWL	8805 D&A
Carper State 1			300	17.5	11.75	275	Surf	CS					
Carper State A 7	3.003E+09	D&A	1402	12.25	8.625	350	Surf	CS		2/62 - 6/62	32-17S-33E	2310 FNL 1650 FWL	4601 D&A
Cockburn A State 4	3.003E+09	Oil	8819	7.875	4.5	700	3210	TS		2/66 - 3/66	32-17S-33E	990 FNL 1980 FEL	8820 A
Cockburn A State 4			2899	11.25	8.625	500	1970	TS					
Cockburn A State 4			334	17.5	13.375	320	Surf	CS					
Cockburn A State 5	3.003E+09	Oil	10817	8.75	5.5	2235	Surf	Calc		6/76 - 9/76	32-17S-33E	1980 FNL 1980 FWL	13705 A
Cockburn A State 5			5270	12.25	9.625	1800	100	TS	3391				
Cockburn A State 5			456	17.5	13.375	475	Surf	CS					
Cockburn State 5	3.003E+09	D&A	3917	8	7	50	3110	Calc		11/48 - 12/49	32-17S-33E	1650 FNL 1650 FEL	4499 D&A
Cockburn State 5			980	12.25	10.75	150	Surf	Calc					
Cockburn State 5			210	15	12.5	200	Surf	Calc					
Ohio State A6	3.003E+09	Oil	3735	8	7	100	2122	Calc		9/53 - 11/53	32-17S-33E	2310 FNL 330 FEL	3769 PA
Ohio State A6			1368	11	8.625	50	1108	Calc					
SEMGSAU 1004	3.003E+09	Oil	4102	6.25	5.5	100	1356	Calc		9/51 - 11/51	32-17S-33E	330 FNL 2310 FWL	4298 P&A
SEMGSAU 1004			1223	8.75	7	50	784	Calc					
SEMGSAU 15	3.003E+09	Wtr Inj	4509	7.875	5.5	1350	Surf	CS		11/96 - 12/96	32-17S-33E	500 FNL 330 FWL	4510 A
SEMGSAU 15			416	12.25	8.625	275	Surf	CS					
SEMGSAU 803	3.003E+09	Oil	4045	8.875	7	100	3232	Calc		1/44 - 5/44	32-17S-33E	660 FNL 1980 FEL	4325 P&A
SEMGSAU 803			1280	10.875	8.625	50	1004	Calc					
SEMGSAU 902	3.003E+09	Oil	4050	7.875	5.5	100	3288	Calc		2/51 - 5/51	32-17S-33E	330 FNL 990 FEL	4314 P&A
SEMGSAU 902			1257	12.25	8.625	50	1097	Calc					
SEMGSAU 904	3.003E+09	Oil	3943	8.75	7	100	3065	Calc		3/46 - 8/46	32-17S-33E	660 FNL 660 FEL	4271 P&A
SEMGSAU 904			1300	10	8	50	964	Calc					
SEMGSAU 906	3.003E+09	Oil	4545	7.875	5.5	1300	Surf	CS		12/91 - 1/92	32-17S-33E	1200 FNL 950 FEL	4575 A
SEMGSAU 906			307	12.25	8.625	250	Surf	CS					
SEMGSAU 907	3.003E+09	Oil	4600	7.875	5.5	1450	Surf	CS		11/91 - 1/92	32-17S-33E	2310 FNL 990 FEL	4600 TA
SEMGSAU 907			338	12.25	8.625	200	Surf	CS					

APPLICATION FOR AUTHORIZATION TO INJECT

- I. PURPOSE: _____ Secondary Recovery _____ Pressure Maintenance _____ Injection _____ Storage
Application qualifies for administrative approval? _____ Yes _____ No
- II. OPERATOR: _____ XTO ENERGY INC. _____
ADDRESS: _____ 200 LORAIN STE. 800 MIDLAND, TX 79701 _____
CONTACT PARTY: _____ RICHARD LAUDERDALE ENGR. _____ PHONE: _____ 432-620-6736 _____
- 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 *R. 3134*
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: _____ M. LYN MARR _____ TITLE: _____ REGULATORY ANALYST _____
SIGNATURE: _____ *M Lyn Marr* _____ DATE: _____ 6/20/2006 _____
E-MAIL ADDRESS: _____ lyn_marr@xtoenergy.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: _____

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.

SEMGSAU #708 WELLBORE DIAGRAM

Tract 7

ELEV: KB: 4047.5'
DF: 0'
GL: 4039.0'
CORR: 8.5'

DATA

LOCATION: 100' FSL & 2590' FEL, SEC 29, T17S, R33E
COUNTY/STATE: LEA COUNTY, NEW MEXICO
FIELD: MALJAMAR (GRAYBURG/SAN ANDRES)
FORMATION: GRAYBURG/SAN ANDRES
NMOCD LEASE #: 003355 API #: 30-025-24391
PRODUCTION METHOD: TAVD
PERFS: GRAYBURG: 4278-4292' (15 HOLES, 3/29/73).

CTOC WELL #: 450

11" Hole

8-5/8" 24# CSG @ 819'. CMT'D W/
500SX.

HISTORY

Spud: 3/14/1973

03/29/73: PERF GRAYBURG 1 SPF @ 4278-4292' (15 HOLES),
03/30/73: ACID W/2000 GAL S 15% NE & 17 BS @ 3.7 BPM & 2100-3500 PSIG. ISIP 1300 PSIG. 15" SIP
700 PSIG.

03/31/73: S. 1 BO, 12 BLW, 10 HRS.

04/01/73: PERF 4255-4263' (9 HOLES), FRAC W/2400 GAL S GELLED BW, 40750# 20/40 SD, 14 BS @
18.2 BPM & 4000 PSIG. ISIP 1500 PSIG. S. 108 BLW, 6 HRS.

04/02/73: S. 2 BO, 207 BLW, 10 HRS.

04/03/73: S. 18 BO, 149 BLW, 7.5 HRS.

04/04/73: PWOP.

04/11/73: IPP 36 BOPD, 230 BWPD, GOR TSTM.

11/06/73: REPL 160D W/456 PU. BEFORE: P. 27 BOPD, 168 BWPD, AFTER: P. 42 BOPD, 122 BWPD.

06/12/84: SET RBP @ 4244'. RTTS PKR @ 4235'. TST RBP & CSG. HELD OK. RERAN PROD EQUIP.

03/25/88: MO LUFKIN C-456D TO FRED TURNER #1.

03/26/88: MI NATIONAL C-320D FR/FRED TURNER #1.

03/31/88: RWTP.

12/23/91: P. 2 BOPD, 62 BWPD, 6 MCFPD. TAVD WELL & MOVED PU TO SEMGSAU #906.

12/26/91: LD RODS.

04/20/92: LD TBG.

02/15/96: STATIC FL @ SURF W/35 PSIG CP.

05/14/03: SITP 160 PSIG. BLEED OFF PRESS TO VAC TRK. REC 10 BLS (MOSTLY WTR).

06/06/03: TAGGED PRTD @ 4296'. RUN SCRAPER TO 4248'. CIRC WELL CLEAN. SET PKR @ 4216'.
TSTD CSG TO 500 PSIG. HELD OK. S. 39 BLS, 100% WTR, 2.5 HRS. BFL @ 2800'. EFL @
3500'. SWI.

06/09/03: POH W/5-1/2" PKR. TIH W/5-1/2" BJ SV-5 CIBP @ 4218'.

06/10/03: POH, LD 2-3/8" N-80 WS. INST 6' X 2-7/8" EUE 8RD TBG SUB & WH. PRESS TSTD 5-1/2" CSG
TO 500 PSIG FOR 30".

6/10/03: 6' X 2-7/8" EUE 8RD TBG SUB.

7 7/8" Hole

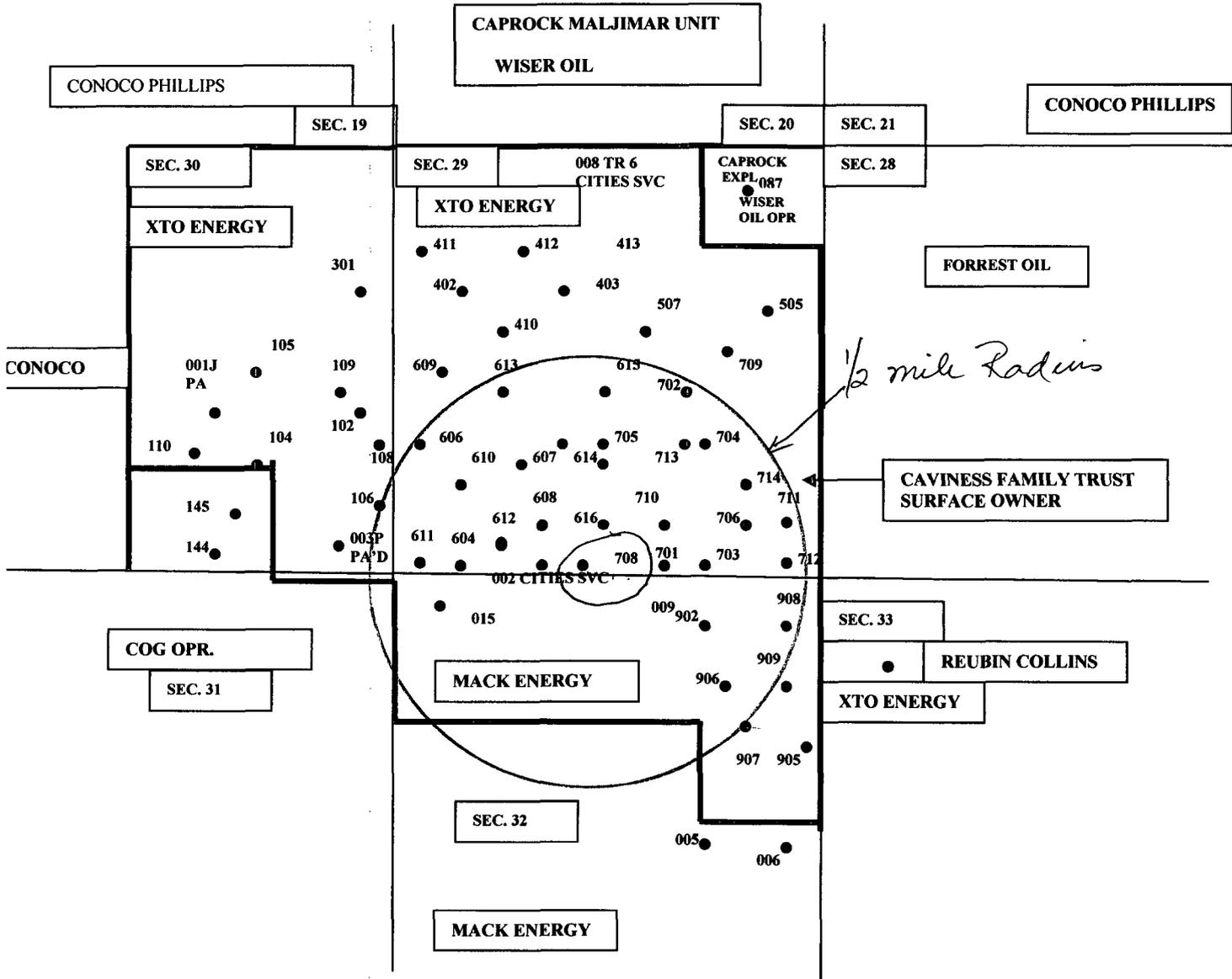
TOC 2540'

FILL: 4296' (6/6/03)
PRTD: 4310'
TD: 4316'

5-1/2" CIBP @ 4218' (6/10/03).
PERF: GRAYBURG @ 4255'-4292' (24
HOLES).
5-1/2" 14# K55 CSG @ 4316'.
CMT'D W/435SX. TOC @ 2540'.

W:\WELL SKETCHES\SEMGSAU\SEMGSAU #708

**LOCATION/ACREAGE PLAT
LEA COUNTY, NEW MEXICO
SOUTHEAST MALJAMAR SAN ANDRES UNIT
SECTIONS 19, 20, 21, 28, 29, 30, 31, 32, 33 T 17S R 33E**



I, M. LYN MARR, DO HEREBY CERTIFY THAT THIS PLAT REPRESENTS XTO ENERGY INC.'S
SOUTHEAST MALJAMAR GAS SAN ANDRES UNIT IN LEA COUNTY, NEW MEXICO.

SECTION 29 TOWNSHIP 17S RANGE 33E

TOTAL ACRES IN LEASE: 22004

M. Lyn Marr

M. LYN MARR
REGULATORY ANALYST

7/3/2006

DATE

XTO ENERGY

WELLS IN AREA OF REVIEW

WELL NAME	API	WELL TYPE	CSG DEPTH	HOLE	CSG	CMT	TOP CMT	TOC BY	DV	DATE DRLD	LOC	FOOTAGE	COMP REC.
SEMGS AU 908	3.003E+09	Wtr Inj	4417	7.875	5.5	900	Surf	CS		10/96 - 12/96	32-17S-33E	330 FNL 330 FEL	4450 A
SEMGS AU 908			415	12.25	8.625	275	Surf	CS					
SEMGS AU 909	3.003E+09	Oil	4540	7.875	5.5	725	Surf	CS		12/05 - 12/05	32-17S-33E	944 FNL 330 FEL	4420 A
SEMGS AU 909			1150	12.25	8.625	630	Surf	CS					
State 1	3.003E+09	D&A	4028	8.875	6.625	100	3334	Calc		1/44 - 12/44	32-17S-33E	660 FNL 660 FWL	4473 D&A
State 1			1281	10.875	8.625	50	1005	Calc					
State 2	3.003E+09	D&A	4652	8.875	7	50	4245	Calc		1/44 - 12/44	32-17S-33E	660 FNL 1980 FWL	5200 D&A
State 2			1276	10.875	8.625	50	1000	Calc					
State CB 1	3.003E+09	Oil	4810	7.875	4.5	250	3361	Calc		12/61 - 1/62	32-17S-33E	2310 FNL 2310 FEL	4810 P&A
State CB 1			329	12.25	8.625	250	Surf	Calc					
State CB 2	3.003E+09	Oil	8779	7.875	4.5	850	3445	TS		9/65 - 10/65	32-17S-33E	2310 FNL 1700 FEL	8780 P&A
State CB 2			2882	11.25	8.625	500	1970	TS					
State CB 2			333	17.5	13.375	250	Surf	CS					
* Well for which permit sought													



200 N. Loraine, Ste. 800
Midland, TX 79701
Office: 432/682-6700
FAX: 432/684-9681

FACSIMILE TRANSMITTAL

TO: David Catnach

CO: OCED - Santa Fe

FAX NO: 1-505-476-3462

NO. PAGES: 39

FROM: LYN MARR

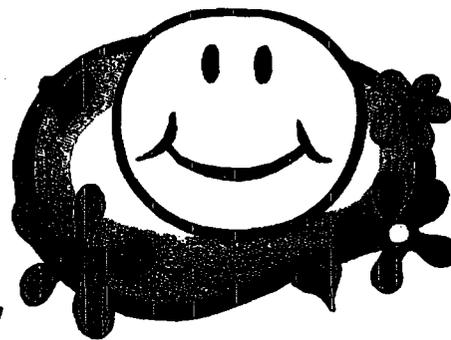
PHONE: 432/620-6714

DATE: 8/22/06

E-MAIL: lyn_marr@xtoenergy.com

MESSAGE: David - Here are all the PA'd wells

<u>The</u>
<u>Log</u>



HAVE A VERY GOOD DAY!!



200 N. Loraine, Ste. 800
Midland, TX 79701
Office: 432/682-6700
FAX: 432/684-9681

FACSIMILE TRANSMITTAL

TO: DAVID CATANACH

CO: OCD/SANTA FE, NM

FAX NO: 1/505/476/3462

NO. PAGES: 4

FROM: LYN MARR

PHONE: 432/620-6714

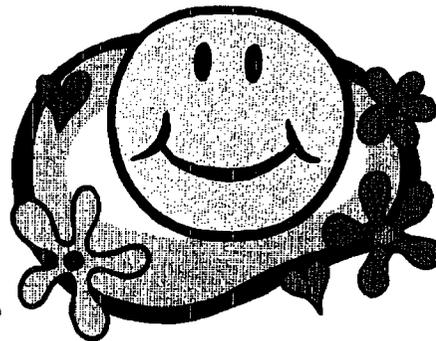
DATE: 8/02/2006

E-MAIL: lyn_marr@xtoenergy.com

MESSAGE:

**David, Here is the new completed Area of Review Wells with their
Top of Cement.**

THANKS, LYN



HAVE A VERY GOOD DAY!!



200 N. Loraine, Ste. 800
Midland, TX 79701
Office: 432/682-6700
FAX: 432/684-9681

FACSIMILE TRANSMITTAL

TO: DAVID CATANACH

CO: OCD/SANTA FE, NM

FAX NO: 1/505/476/3462

NO. PAGES: 4

FROM: LYN MARR

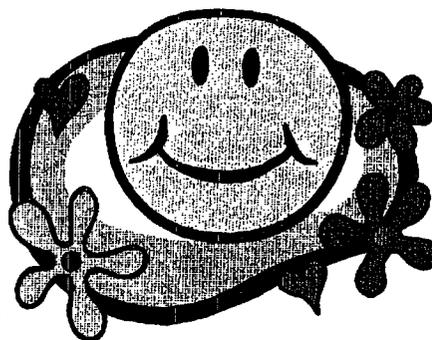
PHONE: 432/620-6714

DATE: 8/02/2006

E-MAIL: lyn_marr@xtoenergy.com

MESSAGE:

Attached are the wellbore diagrams of the PA'd wells listed in the Area
Of Review for the SEMGSAU 708 injection permit.
THE Ohio State A6, and State CB 1 & 2 are not XTO wells and I
am trying to see how I can get these since they were plugged by
Other companies.



HAVE A VERY GOOD DAY!!

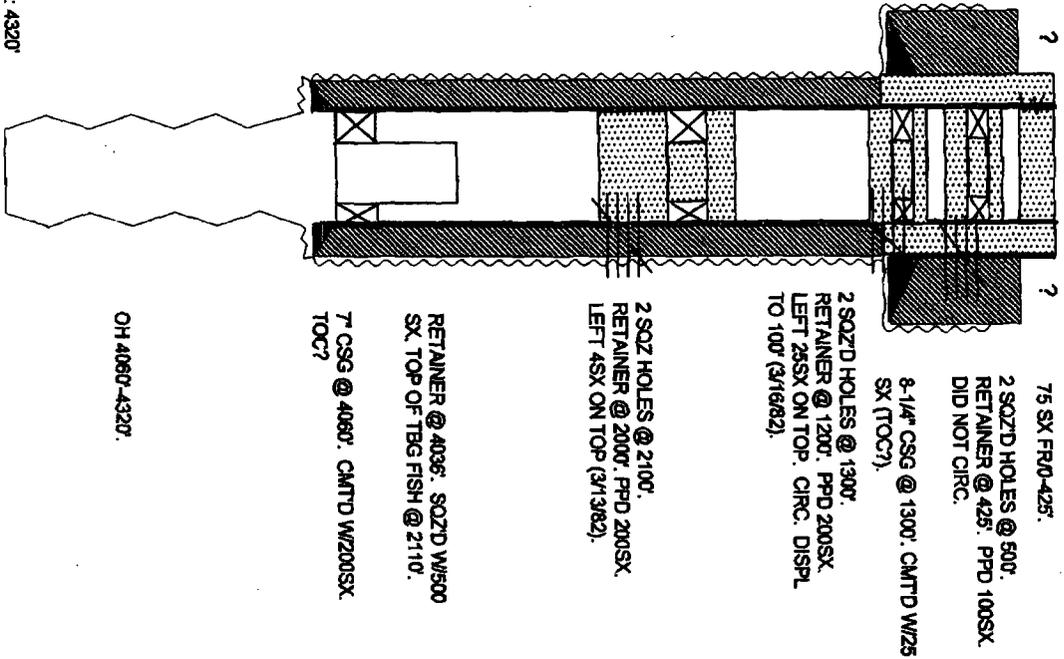
SEMGSAU #602 WIW WELLBORE DIAGRAM

DATA

LOCATION: 660 FSL, 1980' FWL, Sec 29, T17S, R33E.
 COUNTY/STATE: LEA COUNTY, NEW MEXICO
 FIELD: MALJAMAR GRAYBURG SAN ANDRES
 FORMATION: GRAYBURG
 NMOGD LEASE NO.: API #:
 PRODUCTION METHOD: PVD. CTDC ACCTG # 450

HISTORY

04/09/43: SPUD WELL.
 07/28/43: COMPLETED DRLG. 8-1/4" CSG @ 1300'. CMTD W/25 SX (TOC?). 7' CSG @ 4080'. CMTD W/200 SX (TOC?). DRLD OH TO 4320'. SHOT OH W/240 QTS NITRO. PLUGGED BACK TO 4312' TO SHUT OFF WTR (5 GPH OF SULPHUR WATER). I/PF 300 BOPD. 0 BWPD.
 12/20/87: RAN INJ EQUI. SET GIBBERSON RMC-1 PKR @ 3945'. CMTL INJ 275 BWPD @ 1500 PSIG.
 10/02/81: LD INJ EQUIP. TIH W/BIT TO 4030'. DRLD DOWN TO 4051'. WTR COMING OUT FR/BEHIND 7' CSG.
 10/05/81: SET RETAINER @ 4036'.
 10/04/81: SOZD 500 SX. TBG STUCK @ 2890'. CUT TBG @ 2110'.
 10/08/81: TIH W/SHOE. WASHED DWN TO 2162'. SET DOWN. COULDN'T GO DEEPER. SD FOR AFE TO P&A.
 03/02/82: FOUND LEAK IN 7' CSG @ 208'-240'.
 03/03/82: PPD 100 SX DWN CSG. CIRC.
 03/04/82: TAGGED CMT @ 91'. DO CMT TO 114'. RETURNS OUT 7' CSG.
 03/05/82: PPD 300 SX CMT. CIRC.
 03/06/82: TAGGED CMT @ 3'.
 03/07/82: DO CMT TO 173'. LOSING 9 BPH.
 03/09/82: PPD 150 SX. CIRC.
 03/12/82: DO CMT TO 285'. TIH TO 2110'.
 03/13/82: PERF 2 SOZD HOLES @ 2100'. SET RETAINER @ 2000'. PPD 200 SX CMT. LEFT 4 SX ON TOP OF RETAINER (110').
 03/16/82: PERF 2 SOZD HOLES @ 1300'. SET RETAINER @ 1285'.
 03/17/82: PPD 200 SX. LEFT 25 SX CMT ON TOP OF RETAINER. PERF 2 SOZD HOLES @ 500'. SET RETAINER @ 425'. PPD 100 SX CMT. DID NOT CIRC. PPD 75 SX CMT FRA425 TO SURF. WELL PVD.



75 SX FR0-425'.
 2 SOZD HOLES @ 500'.
 RETAINER @ 425'. PPD 100SX.
 DID NOT CIRC.
 8-1/4" CSG @ 1300'. CMTD W/25 SX (TOC?).

2 SOZD HOLES @ 1300'.
 RETAINER @ 1200'. PPD 200SX.
 LEFT 25SX ON TOP. CIRC. DISPL TO 100' (3/16/82).

2 SOZD HOLES @ 2100'.
 RETAINER @ 2000'. PPD 200SX.
 LEFT 4SX ON TOP (3/13/82).

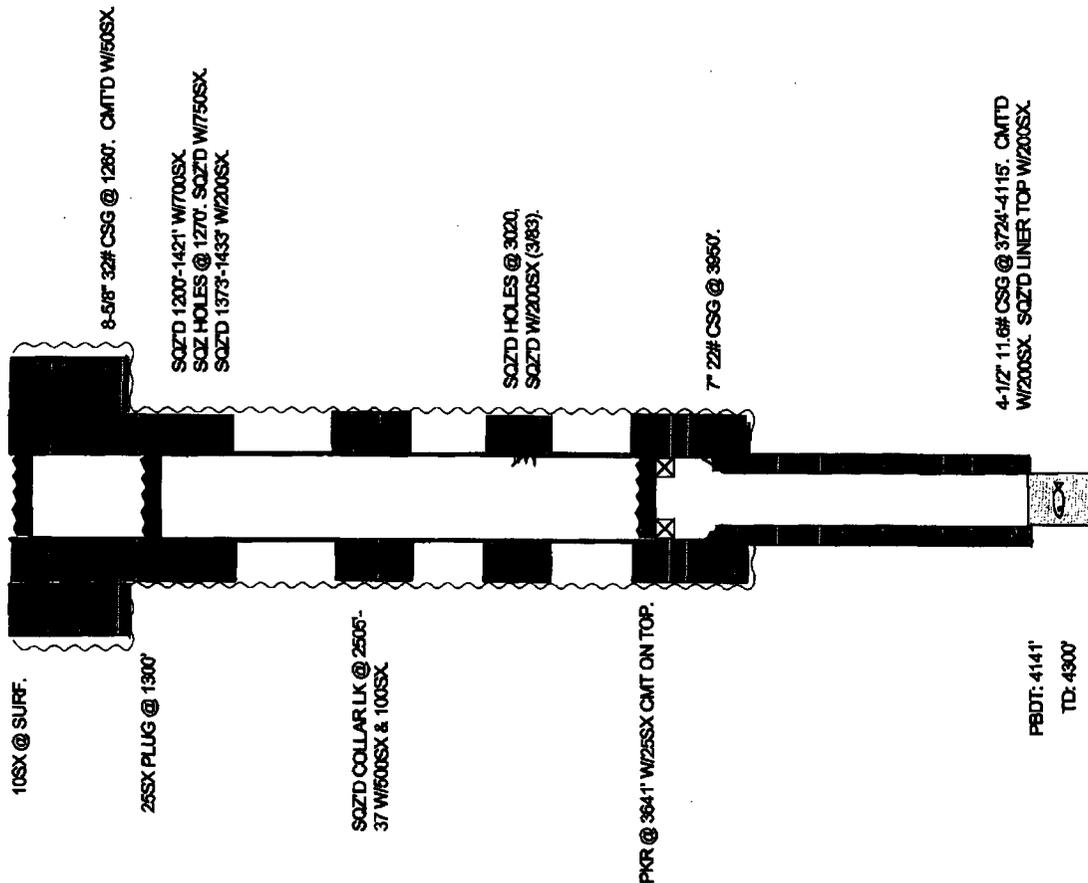
RETAINER @ 4036'. SOZD W/500 SX. TOP OF TBG FISH @ 2110'.
 7' CSG @ 4080'. CMTD W/200SX TOC?

OH 4060-4320.

TD: 4320

W:\WELL SKETCHES\SEMGSAU\SEMGSAU #602 WIW

SEMGSAU #603 WELLSBORE DIAGRAM



DATA

LOCATION: 1980' FSL & 1980' FWL, SEC 28, T17S, R33E
COUNTY/STATE: LEA COUNTY, NEW MEXICO
FIELD: SEMGSAU
FORMATION: GRAYBURGISAN ANDRES
LEASE#: 003355 **AP#:** 32-025-01541 **CTOC WELL#:** 450
SPUD DATE: **COMPLETION DATE:** ORIG: 4/14/49, CONV TO INJ: 12/22/71
IPF: 552 BOPD
PRODUCTION METHOD: PAD (7/26/83)

HISTORY

- 08/43:** DRILL & COMPLETE OH @ 3950'-4300'. SHOT 4199'-4300' W/320 QTS NITRO. IP FLWG 552 BOPD.
- 04/49:** SHOT 4080'-4115' (140 QTS). SHOT 4260'-4300' (150 QTS). CLEANED OUT FILL TO 4300' (50'). CONVERTED TO INJECTION.
- 12/71:** WTR FLWG OUT BRADENHEAD. SQZD 2505'-2537' W/500SX & 4000 GALS FLO-CHECK. RE-SQZD 2505'-2537' W/100SX & 840 GALS FLO-CHECK. WTR FLOW BROKE OUT @ SURF. & WHERE WTR BROKE THRU GROUND. CLEANED OUT OH TO 4,100'. COULD NOT MAKE ANY PROGRESS. LEFT 6-1/4" BIT, BIT SUB & 3' OF JARS IN HOLE. COULD NOT FISH OUT. SET 4-1/2" LINER 3724'-4115'. CMTD W/200SX. SQZD LINER TOP W/200SX. DRLD OUT LINER SHOE & NEW OH 4115'-4141'. A. W/1500 GALS & PUT ON INJ, ALTHOUGH NOT TAKING WTR.
- 03/83:** PERFD 3020' & SQZD W/200SX. SQZD CSG HOLES 1373'-1433' W/200SX. SQZD 1200'-1421' W/700SX. DRLD OUT & PUT ON INJ.
- 03/88:** WELL NOT TAKING WTR. BF TO CLEAN UP.
- 04/09/88:** INJ 0 B/WPD @ 1690' PSIG. CP 690' PSIG.
- 06/24/83:** LD INJ TBG. WASHED DN FR/3805' TO 3641'. SCREWED ONTO PKR. COULD NOT REL PKR.
- 07/07/83:** POH W/TBG. FISHED 34 JTS. SPOTTED 25SX CMT PLUG ON TOP OF PKR.
- 07/09/83:** TAGGED PLUG @ 3595'. SPOTTED 25SX PLUG @ 1300' & 10SX PLUG @ SURF.
- 07/26/83:** CUT OFF WH. WELL PAD.

W:WELLSKETCHESISEMGSAU #602

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OPERATOR	

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-103
Supersedes Old
C-102 and C-103
Effective 1-1-85

This is SEMGSAU #605

5a. Indicate Type of Lease	
State <input checked="" type="checkbox"/>	Fee <input type="checkbox"/>
5. State Oil & Gas Lease No.	
B-2516	

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. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>	7. Unit Agreement Name SMGSAU
2. Name of Operator Cities Service Company	8. Form or Lease Name TRACT 6
3. Address of Operator Box 1919, Midland, TX 79702	9. Well No. 5
4. Location of Well UNIT LETTER <u>K</u> <u>1330</u> FEET FROM THE <u>South</u> LINE AND <u>1330</u> FEET FROM THE <u>West</u> LINE, SECTION <u>29</u> TOWNSHIP <u>17S</u> RANGE <u>33E</u> NMPM.	10. Field and Pool, or Wildcat Maljamar (G-SA)
15. Elevation (Show whether DF, RT, GR, etc.)	12. County LEA

16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data
NOTICE OF INTENTION TO: SUBSEQUENT REPORT OF:

PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input checked="" type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	OTHER <input type="checkbox"/>	CASING TEST AND CEMENT JOB <input type="checkbox"/>	OTHER <input type="checkbox"/>

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 103.

OTD 4320'. This well was plugged & abandoned in the following manner: MIRU pulling unit. Set retainer at 3809' (5' above csg collar at 3814'). RIH w/ seal assembly on 2-7/8" EUE tbg. Stabbed into retainer. Tested tbg to 4000# OK. Mixed & pmpd 500 sx Class C. Did not sqz at max press 3000#. Cleared tool w/30 bbls wtr. Mixed & pmpd 500 sx Class C w/5# sand/sx & 2% CaCl. Max press 4000# (running sqz) w/360 sx below tool & tbg full of cmt. Rel retainer at 3809'. Circ cmt left in tbg to pit. Circ 40 sx to pit & dmpd 100 sx on top of retainer. Tagged cmt plug from sqz job inside 7" csg at 3148'. Mixed & pmpd 125 sx cmt plug 3148-2043' (745'). POOH. RIH w/ retainer & set @ 961. Mixed & pmpd 500 sx Class C. Displ all cmt below retainer at max press 1100#. RIH w/2-7/8" EUE tbg. Stagged into EZ drill retainer at 961'. Could not PIF @ 1500 psig. Press up on annulus. Pmpd into csg 1k above retainer at 961', ARO 3 B/M at 250#. POOH. ND BOP. Inst swage on 7" csg. Mixed & pmpd 150 sx thick set w/2% CaCl followed by 250 sx Class C w/5# sd & 2% CaCl. Max 800#. Set 10 sx cmt top plug ground level to 30'. Set 4" dry hole marker & cleaned location. Well was plugged and abandoned on 10/31/80.

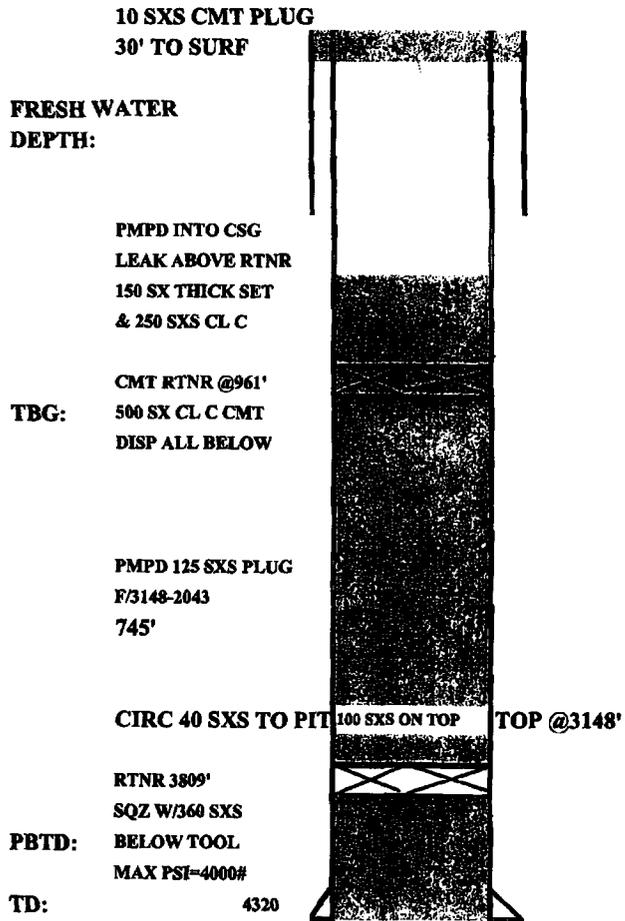
18. I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNED <u><i>D. J. Miller</i></u>	TITLE <u>Region Oper. Mgr.</u>	DATE <u>11/7/80</u>
APPROVED BY <u><i>A. H. Stetson</i></u>	TITLE <u>OIL & GAS INSPECTOR</u>	DATE <u>11/9/80</u>
CONDITIONS OF APPROVAL, IF ANY:		



WELLBORE DIAGRAM

LEASE: SEMCSAU	WELL: 605	FIELD: MALJAMAR; GAS SA	API: 30-025-01543
LOC: 1330 FSL 1330 FWL	SEC: 29	BLK: UNIT K	REF NO: _____
TWN: 17S	GL: _____	CTY/ST: LEA NEW MEXICO	SPUD: _____
RNG: 33E	KB: _____	DF: _____	TD DATE: _____
			COMP DATE: _____



HOLE SIZE:
SURF CSG & SIZE:
SET @:
SXS CMT:
CIRC:

WELL WAS PA'D
10/31/1980
BY CITIES SERVICE CO

HOLE SIZE:
PROD. CSG & SIZE:
SET @:
SXS CMT:
CIRC:
TOC AT:
TOC BY:

BY: LYN MARR
8/24/2006

SEMGSAU #703 WIW WELLBORE DIAGRAM

ELEV: DF: 4075.
GL: 4085'
CORR: 10'

DATA

LOCATION: 660' FSL & 990' FEL. UNIT P. SEC 29, T17S, R33E
COUNTY/STATE: LEA COUNTY, NEW MEXICO
FIELD: MALJAMAR GRAYBURG SAN ANDRES

FORMATION: GRAYBURG

SPUD DATE: 12/6/52

COMPLETION DATE: 1/16/53 (PRODUCING) CONV TO WIW 10/11/67

IP: P. 11 BO

NMOC LEASE NO: 003955 APL #: 30-025-01549 CTCC ACCTG #: 450

HISTORY

12/06/52: SPUNDED WELL.
01/12/53: TD 4600'. RAN 5-1/2" 15.5# & 17# CSG. CMTD W/300SX CLASS "C". TOC 3000'.
01/26/53: PERF'D GRAYBURG @ 4280'-90" W/2 JSPF. FRACD OH W/1500 GAL'S HYDRAFRAC & 1500 GAL'S 15% NE ACID. MAX FRAC - 7090#, MAX ACID - 8000#, ISIP 2550#.
06/22/58: FRACD VIA CSG W/30000 GAL'S GELLED LSE OIL W/1.5 PPG 20/40 SD.
02/19/58: CO 8' OF FILL. A. W/1500 GAL'S 15% NEA.
10/19/57: CONV TO WIW. INJ 400 BWPD @ 200 PSIG.
03/01/71: SI DUE TO NOT TAKING WATER.
02/18/83: RAN BIT & CSG SCRAPER TO 4263'. PERF'D 2 SQZTD HOLES @ 1285'. SQZTD W/200SXS CLASS "C" CMT W/3% CaCl2 & 5# SDSX + 500SXS CLASS "C" W/16% GEL & 3# SDSX + 100SXS CLASS "C" W/5% CaCl2 & 5# SDSX. DO CMT AND HELD 500# FOR 30". RTN TO WI.
09/29/81: REPACKED BRADENHEAD DUE TO LEAK.
09/10/82: SI 7 DAYS FOR FALLOFF TEST. IBHP - 3354#, FBHP - 2606#, K = 0.63 MD, S = 4.73
06/21/86: A. OH W/500 GAL'S 15% PENTOL-150 Fe HCl. AIR = 1.4 BPM. ATP - 2750#, MAX TP - 2810#, ISIP - 2350, 5" - 2000, 10" - 1740, 15" - 1560. (SHOWED NO HELP FROM ACID JOB)
05/18/87: A. W/1000 GAL'S 15% NEFE HCl DWN TBG & FLUSH W/20 BBL'S 2% KCl. ATP - 2000#.
11/06/87: TRIED TO RUN 1-1/2" GAUGE ON WL. MASTER VALVE WOULD NOT CLOSE.
05/25/88: REPL MASTER VALVE.
10/27/89: PASSED MIT.

8-5/8" 28.55# & 32# H-40 CSG @
1260' CMT'D W/560SX CL "C".
CIRC 170SX.

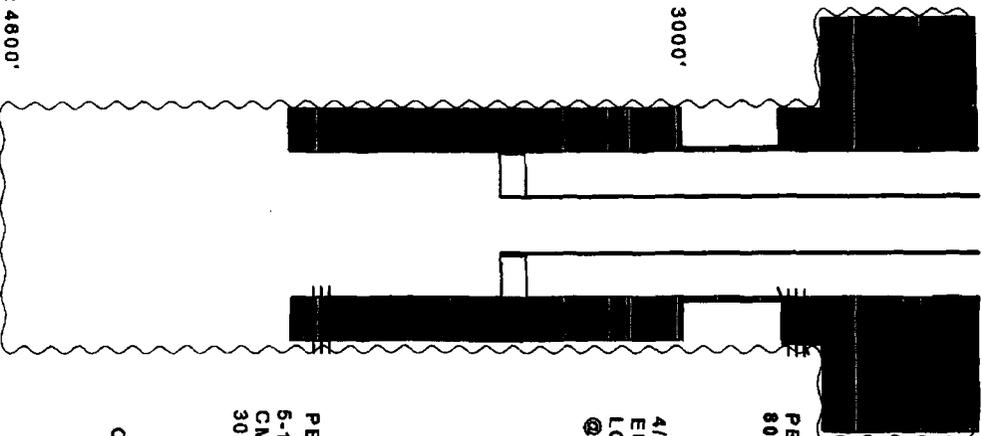
PERF'D @ 1285'. SQZTD W/
800SX CMT (2/18/83).

4/27/83: 132 JTS 2-3/8" 4.7# J-55
EUE 8RD PL TBG. 5-1/2" BAKER
LOC-SET NICOATED PKR. PKR
@ 4101'.

PERFS @ 4280'-4290' W/2 JSPF.
5-1/2" 15.5# & 17# CSG @ 4290'.
CMT'D W/300SX CL "C". TOC @
3000'.

OH 4290'-4340'.

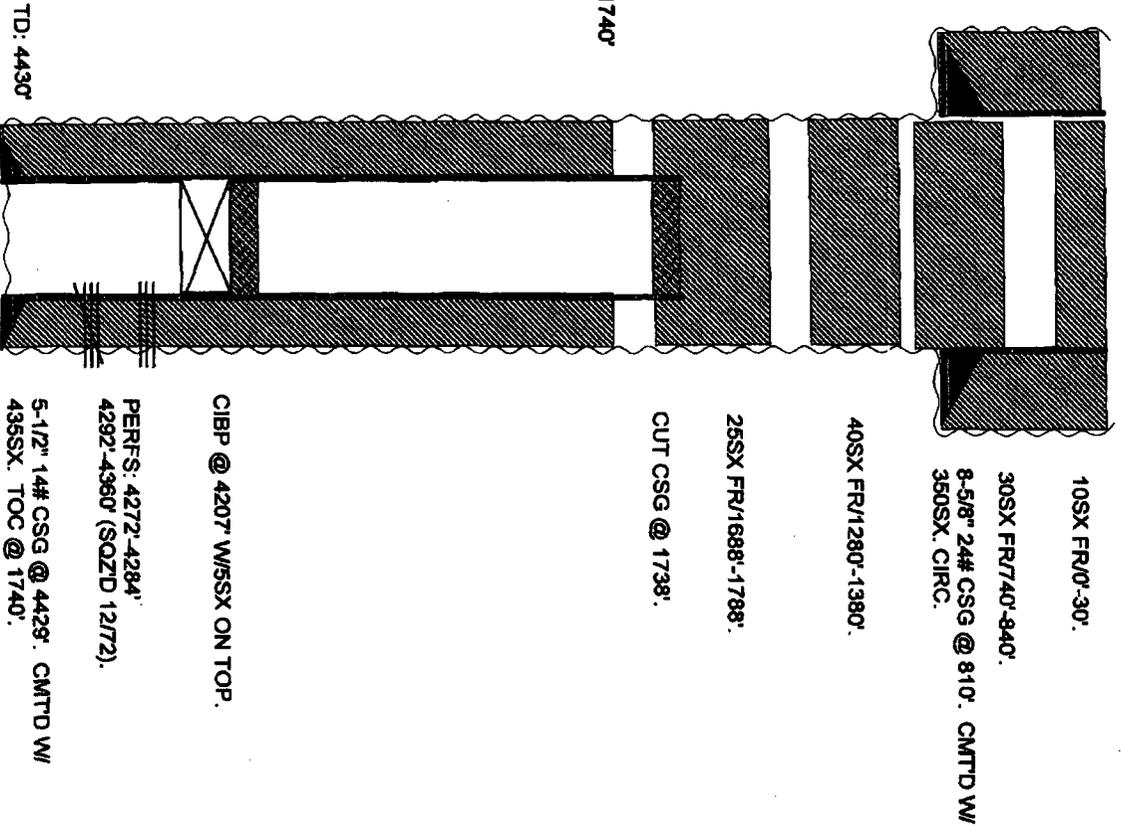
TD: 4600'



W:WELLSKETCHES\SEMGSAU\SEMGSAU #703 WIW

Active

SEMGSAU #707 WELLBORE DIAGRAM



105X FR/0'-30'.
 30SX FR/740'-840'.
 8-5/8" 24# CSG @ 810'. CMTD W/
 350SX. CIRC.

40SX FR/1280'-1380'.

25SX FR/1688'-1788'.

CUT CSG @ 1738'.

TOC 1740'

TD: 4430'

CIBP @ 4207' W/SSX ON TOP.
 PERFS: 4272'-4284'.
 4292'-4360' (SOZD 12172).
 5-1/2" 14# CSG @ 4429'. CMTD W/
 435SX. TOC @ 1740'.

WAWELL SKETCHESISEMGSAU/SEMGSAU #707

DATA
 LOCATION: 100' FSL & 1430' FEL, SEC 29, T17S, R33E
 COUNTY/STATE: LEA COUNTY, NEW MEXICO
 FIELD: MALJAMAR (GRAYBURG/SAN ANDRES)
 FORMATION: GRAYBURG/SAN ANDRES
 NMOC/LEASE #: API #
 PRODUCTION METHOD: PAD, DRYHOLE.
 CTWC WELL #: 450

HISTORY

11/4/72: SPUD WELL.
 11/28/72: TD'D @ 4430'. SET 8-5/8" 24# @ 810'. CMTD W/350SX (CIRC). CORED FR/4215'-4394'. SET
 5-1/2" 14# CSG @ 4429'. CMTD W/435SX (TOC 1740').
 12/72: PERF'D 1 JSPP @ 4292'-4310', 4324'-4342' & 4360'-4380'. A. 4292'-4380' W/1700 GAL S 15%
 HCL & 88 BS @ 5.2 BPM & 2700-4000 PSIG. ISIP 2050 PSIG. S. TRACE OIL. 11 BW, 5 HRS.
 FRAC'D 4292'-4380' W/20,000 GAL S GELLED BW, 35,000# 20/40 SD @ 20 BPM & 4300 PSIG.
 ISIP 2125 PSIG. 15' SIP 1650 PSIG. S. TRACE OIL, 96 BW, 4 HRS. SET RBP @ 4317'. S.
 TRACE OIL, 65 BW, 3 HRS. SET PKR @ 4118'. SOZD 4292'-4360' W/100 SX. DO TO 4288'.
 TSTD SOZ TO 1500 PSIG. HELD OK. PERF'D 1 JSPP @ 4272'-4284'. A. 4272'-4284' W/1500
 GAL S @ 1 BPM & 1100-2500 PSIG. S. TRACE OIL, 146 BW, 10 HRS. PWOP.
 01/16/73: P. 0 BWPD, 120 BWPD.
 07/03/73: SET CIBP @ 4207'. DUMPED 5 SX CMT ON TOP OF CIBP. CUT CSG & REC 1738'.
 SPOTTED 25 SX FR/1688'-1788'. SPOTTED 40 SX FR/1280'-1380'. SPOTTED 30 SX FR/740'-
 840'. SPOTTED 10 SX FR/0'-30'. WELL PAD.

Submit 3 Copies To Appropriate District Office
 District I
 1625 N. French Dr., Hobbs, NM 88240
 District II
 1301 W. Grand Ave., Artesia, NM 88210
 District III
 1000 Rio Brazos Rd., Aztec, NM 87410
 District IV
 1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
 Energy, Minerals and Natural Resources

Form C-103
 May 27, 2004

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

WELL API NO. 30-025-33868
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name SEMGS AU
8. Well Number 713
9. OGRID Number 005380
10. Pool name or Wildcat Maljamar 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
XTO Energy Inc.

3. Address of Operator
200 North Loraine, Suite 800, Midland, Texas 79701

4. Well Location
 Unit Letter J : 1700 feet from the South line and 1400 feet from the East line
 Section 29 Township 17S Range 33E NMPM Lea County NM

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
GL 4082'

Pit or Below-grade Tank Application or Closure

Pit type Steel Depth to Groundwater 190 Distance from nearest fresh water well 1000+ Distance from nearest surface water 1000+

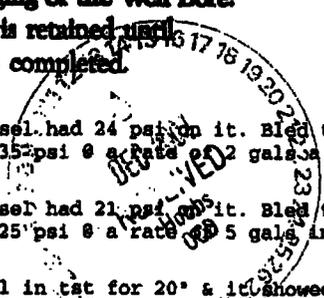
Pit Liner Thickness: mil Below-Grade Tank: Volume bbls; Construction Material

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

<p>NOTICE OF INTENTION TO:</p> <p>PERFORM REMEDIAL WORK <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/></p> <p>TEMPORARILY ABANDON <input type="checkbox"/> CHANGE PLANS <input type="checkbox"/></p> <p>PULL OR ALTER CASING <input type="checkbox"/> MULTIPLE COMPL <input type="checkbox"/></p> <p>OTHER: <input type="checkbox"/></p>	<p>SUBSEQUENT REPORT OF:</p> <p>REMEDIAL WORK <input type="checkbox"/> ALTERING CASING <input type="checkbox"/></p> <p>COMMENCE DRILLING OPNS. <input type="checkbox"/> P AND A <input checked="" type="checkbox"/></p> <p>CASING/CEMENT JOB <input type="checkbox"/></p> <p>OTHER: <input type="checkbox"/></p>
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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.

- 9/25/04 On 9/21/04, well tstd @ 6 BO, 14 BW, & 9 MCF. On 9/20/04, battery recieved a high inj tank alarm. All wells were taking proper amounts. Investigation indicated that well #713 was flowing out tbg & csg. Placed well into test. **Approved as to plugging of the Well Bore. Liability under bond is retained until surface restoration is completed.**
- 9/29/04 In 24 wells, well flwd 0 BO, 625 BW, & 0 MCF.
- 9/30/04 In 24 wells, well flwd 0 BO, 430 BW, & 0 MCF.
- 10/1/04 In 24 wells, well flwd 0 BO, 520 BW, & 0 MCF.
- 10/2/04 Well had 40 psi on csg. Put well in tst & it showed 1 bbl in 20". The vessel had 24 psi on it. Bled the well dwn until getting fluid & started a bucket tst. Well showed to have 35 psi @ a rate of 2 gals a minute through a 1/4" valve.
- 10/3/04 Well had 40 psi on csg. Put well in tst & it showed 1 bbl in 20". The vessel had 21 psi on it. Bled the well dwn until getting fluid & started a bucket tst. Well showed to have 25 psi @ a rate of 5 gals in 2 minutes through a 1/4" valve. This was all done through the casing side.
- 10/5/04 In 24 hrs, well flwd 0 BO, 0 BW, & 0 MCF. Well had 21 psi on csg. Put well in tst for 20" & it showed 0 oil & 0 wtr. The well had 35 psi on it. Bled the well dwn until getting fluid & started a bucket tst. Well showed to have 25 psi @ a rate of 5 gals in 2-1/2 minutes through a 1/4" valve. This was all done through the casing side. Attempted to turn pmping unit on, pmp was stuck. Shut well dn.



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 as (attached) alternative OCD-approved plan .

SIGNATURE Derek Kemp TITLE Regulatory Tech DATE 12/7/04

Type or print name Derek Kemp E-mail address: Telephone No. 432-620-6724

APPROVED BY: Larry W. Wink BOC FIELD REPRESENTATIVE / STAFF MANAGER DATE DEC 22 2004

Conditions of Approval (if any):

- 10/8/04** MIRU Basic Energy Services PU (Richard). POOH w/34 - 7/8" rods, 114 - 3/4" rods, 12 - 7/8" rods & pmp. ND WH. Installed BOP. POOH w/128 jts 2-3/8" tbg, 1 jt 2-3/8" IPC tbg, SN, PS & 2-3/8" OPMA. RIH w/5-1/2" TS RBP & 5-1/2" HD pkr on 2-3/8", 4.7", J-55, EUE, 8rd tbg to 4,024'. Set RBP @ 4,024 & pkr @ 4,013'. RU Lobo pmp trk. Loaded 2-3/8" tbg w/1-1/2 BW. Press tstd RBP to 1,000 psig for 10", held OK. Loaded 5-1/2" TCA w/6 BW. Press tstd 5-1/2" TCA to 500 psig for 15", held OK. RD Lobo pmp trk. Rel pkr & latched onto RBP. POOH w/2-3/8" tbg & tools. RIH w/2,012' 2-3/8" OE tbg. SWI. MI & racked 4,500' of 2-7/8", 6.5#, J-55, EUE, 8rd workstring. SDON.
- 10/9/04** POOH w/2-3/8", 4.7#, J-55, EUE, 8rd tbg. MIRU Weatherford rev unit. RIH w/4-3/4" x 3-3/4" flat btm mill, 7 jts 4-1/2" wash pipe, x-over, jars, 6 - 3-1/2" DC's & x-over on 2-7/8", 6.5#, J-55, EUE, 8rd tbg. Tagged TOF @ 4,087'. Est circ. Milled on fish for 5 hrs to 4,110'. Rec metal shavings, scale & iron sulfide. Mill quit making hole. Circ hole clean. POOH w/2-7/8" tbg & tools to 3,995'. SWI & SDON.
- 10/10/04** POOH w/2-7/8" tbg & tools. RIH w/4-3/4" mill, 7 jts 4-1/2" washpipe, x-over, jars, 6 - 3-1/2" DC's & x-over on 2-7/8", 6.5#, J-55, EUE, 8rd tbg. Tagged TOF @ 4,087'. Worked tools over fish to 4,110'. Milled on fish for 5 hrs to 4,123'. Mill quit making hole. Circ hole clean. Pit fluid inc @ 1/2 BPM. RU Key vac truck. POOH w/2-7/8" tbg & tools. Mill completely worn. Std RIH w/4-3/4" mill, 7 jts 4-1/2" washpipe, x-over, jars, 6 - 3-1/2" DC's & x-over on 2-7/8" tbg. Left tools swinging @ 1,945'. RD Key pmp trk. SWI & SDON.
- 10/11/04** SITP 1,000 psig. RU environmental pan on BOP. RU Key vac trk. Bled well to rev pit. Well flwg @ 1/4 BPM. Fin RIH w/4-3/4" mill, 7 jts 4-1/2" washpipe, x-over, jars, 6 - 3-1/2" DC's & x-over on 2-7/8", 6.5#, J-55, EUE, 8rd tbg. Tagged TOF @ 4,087'. Worked tools over fish to 4,114'. RU swivel & est circ. Milled on fish for 2 hrs to 4,123'. Weatherford pmp broke dn, could not get new pmp till late afternoon. RD swivel & POOH w/8 stands. RD Key pmp trk. SWI & SDON.
- 10/12/04** SITP 450 psig. RIH w/4-3/4" mill, 7 jts 4-1/2" washpipe, x-over, jars, 6 - 3-1/2" DC's & x-over on 2-7/8", 6.5#, J-55, EUE, 8rd tbg. Tagged TOF @ 4,087'. Worked tools over fish to 4,113'. RU swivel & est circ. Milled on fish for 3 hrs to 4,117'. Mill quit cutting. Circ hole clean. POOH w/2-7/8" tbg & tools. Rec 19.5' of 2-3/8" tbg in wash pipe. RIH w/4-3/4" mill, 7 jts 4-1/2" washpipe, x-over, jars, 6 - 3-1/2" DC's & x-over on 2-7/8" tbg. Tagged fish @ 4,106'. RU swivel & est circ. In 4 hrs, milled from 4,106' to 4,128'. Circ hole clean. POOH w/5 stds 2-7/8" tbg. SWI & SDON.
- 10/13/04** SITP 375 psig. RIH w/4-3/4" mill, 7 jts 4-1/2" washpipe, x-over, jars, 6 - 3-1/2" DC's & x-over on 2-7/8", 6.5#, J-55, EUE, 8rd tbg. Tagged TOF @ 4,113'. RU swivel & est circ. Milled on fish for 4 hrs to 4,132'. Mill quit cutting. Have metal & cmt finds in returns. Circ hole clean. POOH w/2-7/8" tbg & tools. Rec peices of 5-1/2" csg in wash pipe. Notified Midland of results. Well flwg wtr @ 1/4 BPM. RIH w/wash pipe & DC's. POOH LD wash pipe & DC's. RIH w/OE 2-7/8" tbg. SWI & SDON.
- 10/16/04** RIH w/rods. POOH LD 114 - 3/4" sucker rods & 47 - 7/8" sucker rods. POOH LD 2-7/8", 6.5#, J-55, EUE, 8rd tbg. RIH w/OE 2-3/8", 4.7#, J-55, EUE, 8rd tbg to 2,010'. SWI & SDON.
- 10/15/04** Fin RIH w/128 jts OE 2-3/8", 4.7#, J-55, EUE, 8rd tbg. ND BOP. NU WH. RDMO PU. Left well open to flowline. Waiting on plugging rig.
- 10/16/04** Waiting on plugging rig.
- 10/17/04** Waiting on plugging rig.
- 10/20/04** RU WL truck. RIH w/5-1/2" CIBP on WL & set @ 4,100'. RD WL trk. RIH w/2-3/8" OE, 4.7#, J-55, EUE, 8rd tbg. Tagged CIBP @ 4,100'. Mixed & pmpd 25sx Class "C" cmt. POOH w/2-3/8" tbg. SDF 2 hrs. RIH w/2-3/8" tbg & tagged TOC @ 3,862'. Circ 10# mud to 2,550'. POOH w/2-3/8" tbg to 2,550'. Mixed & pmpd 25sx Class "C" cmt. POOH w/2-3/8" tbg. SDF 2 hrs. RIH w/2-3/8" tbg & tagged TOC @ 2,315'. Circ 10# mud to 1,300'. POOH w/2-3/8" tbg to 1,300'. Mixed & pmpd 25sx Class "C" cmt. POOH w/2-3/8" tbg. SWI & SDON.

10/21/06 RIH w/2-3/8", 4.70, J-55, EUE, 8rd tbg to 1,158' & tagged TOC. POOH w/2-3/8" tbg. RU WL truck. RIH w/3-1/8" csg gun & perf'd 4 JSPP @ 438'. POOH & RD WL truck. Attempted to est circ dn 5-1/2" csg & out 8-5/8" bradenhead, could not. Contacted NMOC & they advised squeezing 50sx cmt plug @ 438'. Perf @ 50' & circ cmt to surf. Mixed & pmpd 50sx Class "C" cmt dn 5-1/2" csg. Flushed cmt to 335'. SDF 2 hrs. RIH w/2-3/8" tbg to TOC @ 326'. POOH w/tbg. RU WL trk. RIH w/3-1/8" csg gun & perf'd 4 JSPP @ 50'. POOH & RD WL truck. Mixed & pmpd 50sx Class "C" cmt dn 5-1/2" csg & out 8-5/8" bradenhead. Top 50' of 5-1/2" & 8-5/8" filled w/cmt. RDWO PU. Cleaned location. Installed dry hole marker. Well is PA'd.

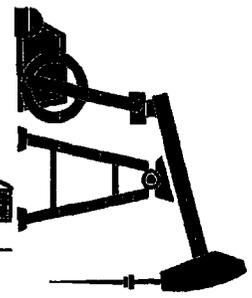
SEMGSAU #713 WELLBORE DIAGRAM

DATA

LUFKIN C114-169-54 W/20 HP
 ELEC MTR
 12 SPM x 58" SL
 ELEV. KB: 4086'
 GL: 4082'
 CORR: 13.5'
 LOCATION: 1,700' FSL & 1,400' FEL SEC 29, T-17-S, R-33-E (UNIT J)
 COUNTY/STATE: LEA COUNTY, NEW MEXICO
 FIELD: MALJAMAR GRAYBURG SAN ANDRES
 FORMATION: GRAYBURG
 SPUD DATE: 3/24/97 COMPLETION DATE: 4/22/97
 IP: P. 53 BO, 40 BW, 47 MCF (EST), 24 HRS (5/9/97).
 AP# 30-025-38868 CTDC LEASE# 450
 PRODUCTION METHOD: ROD PMP.

HISTORY

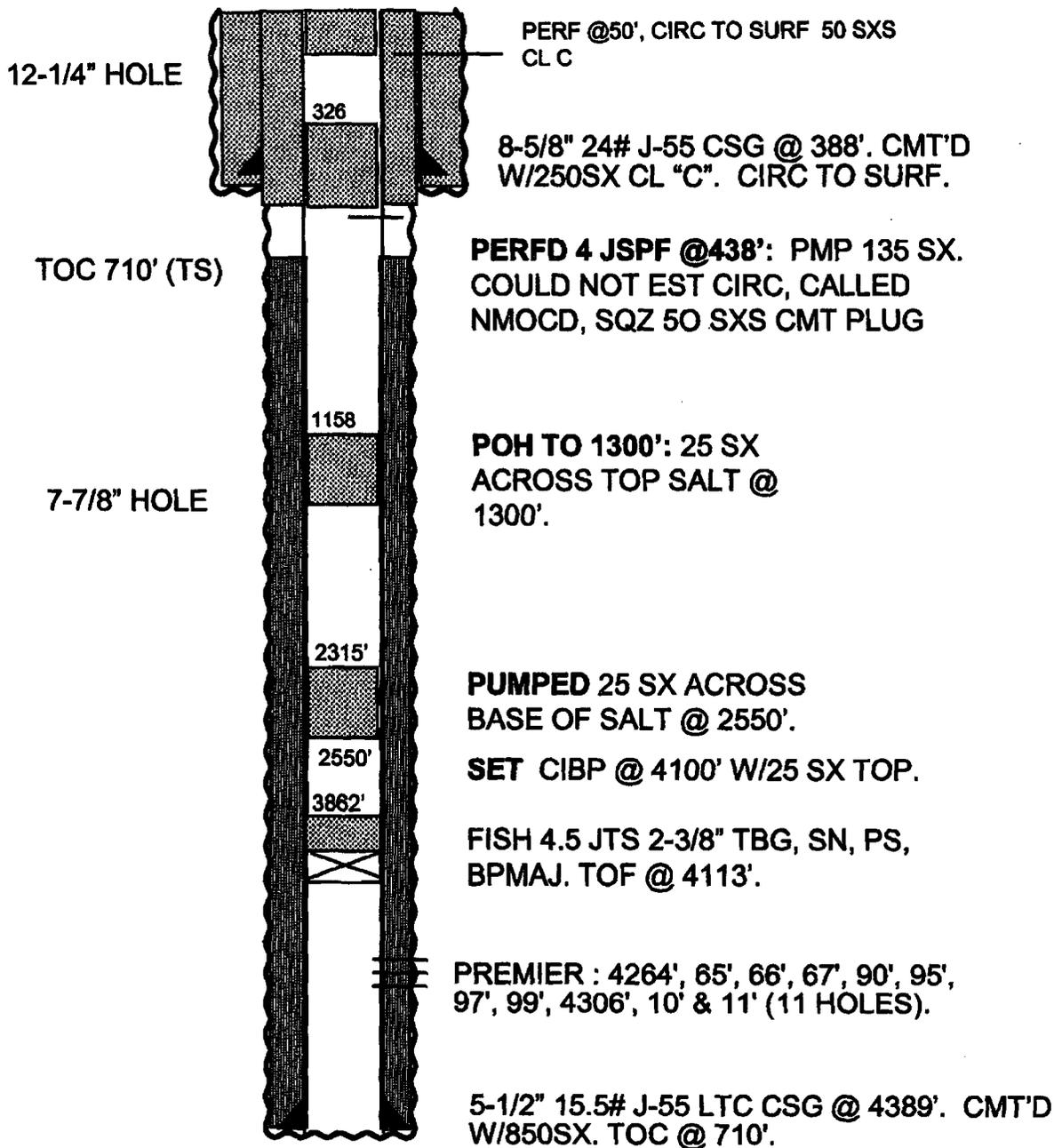
03/24/97 NORTON RIG #7 SPURRED 12-1/4" HOLE. SET 8-5/8" 24# J-55 STC CSG @ 388' (DRILLER).
 CMTD W/250 SX CLASS "C" W/2% CACL₂. CIRC 95 SX TO SURF.
 03/29/97 TD 7-7/8" HOLE @ 4,390'. SET 5-1/2" 15.5# J-55 LTC CSG @ 4,388' (DRILLERS). CMTD
 W/660 SX 35-65 POZ/C" CMT W/6% GEL & 5% SALT. TAILED IN W/200 SX CLASS "C" CMT
 W/0.6% FL-62, 0.2% CD-32 & 0.2% SMS. DID NOT CIRC CMT. TOC 710' (TEMP SURVEY).
 04/01/97 BLACK WARRIOR RAN GRCC/CLCNL LOG FR/4,340'-2,000' (NL P8TD 4,341').
 PERE PREMIER SD @ 4,284', 69', 68', 67', 90', 95', 97', 99', 4,306', 10' & 11' (11 HOLES). DUMP
 BAILED 15 GALS ACID FR/4,284'-99'. ACIDIZED W/1,500 GAL 15% NEFE HCl & 16 BS DWN 5-
 1/2" CSG @ 4 BPM & 2,500 PSIG. BALLED OUT. ISIP-2,330 PSIG, 5' SIP-2,160 PSIG, 10' SIP-
 2,090 PSIG, 15' SIP-2,020 PSIG.
 04/11/97 FRAC W/18,000 GAL 25# BORATE X-LINKED GUAR GELLED 2% KCl WTR (SPECTRAC
 G-2500) & 60,000# 12/20 BRADY SD DWN 5 1/2" CSG @ 26.5 BPM & 3,745 PSIG (MAX). ISIP-
 3,200 PSIG, 15' SIP-2,685 PSIG.
 04/18/97 CO SD FR/4,280'-4,341'.
 04/22/97 SET LUFKIN C114-169-54 MTRD FR/SEMGSAU #706. STD WELL PRG.
 05/09/97 IPP. 53 BO, 40 BW, 47 MCF, 24 HRS.
 05/27/97 P. 37 BO, 31 BW, 24 HRS.
 09/24/97 FOUND LOTS OF PARAFFIN ON RODS. LWTRD SN FR/4151'-4241'.
 02/16/99 PMP STUCK IN SD. CO FR/4303'-4341' W/BAILER.
 02/19/01 MIRU. POH W/RODS & PMP. COULD NOT POH W/TBG.
 02/20/01 MIRU WL. RIH W/REPOINT TOOL. TAGGED UP @ 4110' FS. RIH W/STRINGSHOT @ 4087'.
 POH W/130 JTS 2-3/8" TBG. TOF @ 4087'. FISH LEFT IN HOLE CONSISTS OF 5 JTS 2-3/8"
 4.7# J-55 EUE 8RD TBG W/CIR LOOKING UP. SN, PERF SUB & 1 - 2-3/8" BPMAL.
 02/21/01 RIH W/2-3/8" TBG. LANDED TBG @ 4080'. RIH W/2" X 1-1/4" X 16" RHBC PMP & RODS. SN @
 4051'. LANDED @ 4080' W/14" KB.
 09/25/04 P. 6 BO, 14 BW, 9 MCF, 24 HRS.
 09/28/04 F. 0 BO, 625 BW, 0 MCF, 24 HRS.
 09/30/04 F. 0 BO, 520 BW, 0 MCF, 24 HRS.
 10/07/04 POH W/PROD EQUIP. SCALE IN PMP. TIH W/PKR & RBP. TSTD CSG FR/SURF TO 4024'
 TO 500 PSIG. HELD OK.
 10/08/04 MILLED OVER FISH FR/4087'-4110'. REC SCALE & FES.
 10/09/04 MILLED OVER FISH TO 4123'.
 10/10/04 SITP 1000 PSIG. F. 0.25 BPM. MILLED TO 4123'.
 10/11/04 SITP 450 PSIG. MILLED TO 4117'. POH W/19.5" 2-3/8" TBG. MILLED TO 4128'.
 10/12/04 SITP 375 PSIG. F. 0.25 BPM. TAGGED TOF @ 4113'. MILLED TO 4132'. REC CMT & CSG.
 10/13/04 LD RODS & 2-7/8" WS. PREP TO PA WELL.



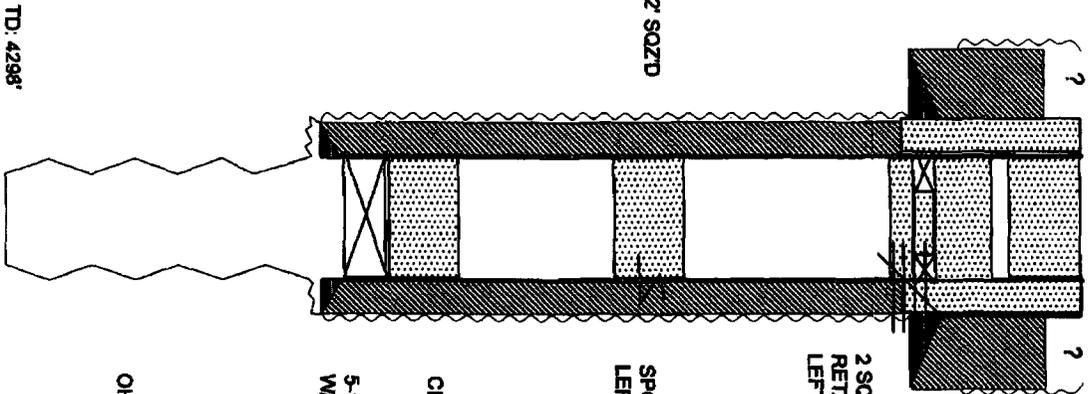
12-1/4" HOLE
 TOC 710' (TS)
 7-7/8" HOLE
 8-5/8" 24# J-55 STC CSG @ 388'. CMTD
 W/250SX CL "C" W/2% CACL₂. CIRC 95SX
 TO SURF.
 2/22/01: 128 JTS 2-3/8" 4.7# J-55 EUE
 8RD TBG, 1 JT 2-3/8" IPC TBG W/TK-99,
 SN, PS & 1 JT 2-3/8" TBG W/OP MAJ.
 2/22/01: 3 - 2', 2 - 4' & 1 - 6' x 7/8" PONIES,
 12 - 7/8" - 114 - 3/4" & 35 - 7/8" RODS,
 2" x 1-1/4" x 16" RHBC (BNC BBL & 4' SMP).
 MARKER JT 3961'-81'.
 FISH 4.5 JTS 2-3/8" TBG, SN, PS,
 BPMAL.
 PREMIER: 4264', 65', 66', 67', 90', 95',
 97', 99', 4306', 10' & 11' (11 HOLES).
 5-1/2" 15.5# J-55 LTC CSG @ 4389'. CMTD
 W/850SX. DID NOT CIRC CMT. TOC 710' (TS).
 FILL: 4341' (2/16/99).
 P8TD: 4354'.
 TD: 4390'.

W:\WELLSKETCHES\SEMGSAU\SEMGSAU #713

SOUTHEAST MALJAMAR GRAYBURG SAN ANDRES UNIT #713 P & A



SEMGAU #1004 WIW WELLBORE DIAGRAM



DATA

LOCATION: 330' FNL, 2970' FEL, Sec 32, T17S, R33E.
 COUNTY/STATE: LEA COUNTY, NEW MEXICO
 FIELD: MALJAMAR GRAYBURG SAN ANDRES
 FORMATION: GRAYBURG
 NMOCD LEASE NO: APL#:
 PRODUCTION METHOD: PAD.

HISTORY

09/08/81: SPUD WELL.
 11/12/81: COMPLETED DRLG. 7" 20# CSG @ 1223'. CMTD W/50 SX (TOC?), 5-1/2" 14# CSG @ 4096'. CMTD W/120 SX (TOC?), DRLD OH TO 4298'. SHOT OH W/86 QTS NITRO. 1PF 40 BOPD, 0 BOPD.
 02/05/74: P. 25 BOPD, 27 BWPD, LD BEAM EQT. RAN INJ EQT. SET GIBBERSON UNI-6 PKR @ 3952'. CWTL. INJ 200 BWPD @ 1020 PSIG.
 03/20/78: FISHED PKR & TBG.
 03/23/78: REPAIRED WH.
 03/23/78: RAN INJ EQUIP.
 03/31/78: RESET PKR @ 3906', 3875', 3945'. HAD COMMUNICATION TO ANNULUS.
 04/01/78: HYDROTESTED TBG. SET PKR @ 3966'.
 04/07/78: TP 2100 PSIG. CP 600 PSIG. WH LEAKING.
 04/15/78: TP 2100 PSIG. CP 610 PSIG. REPLACED WH. CASING PRESSURE STABILIZED. "WILL OBSERVE CASING PRESSURE PERIODICALLY AND BLEED DOWN."
 11/10/82: INJ 47 BWPD @ 1800 PSIG. JOB TO REPAIR CASING LEAK.
 11/13/82: POH W/INJ EQUIP. LEFT BTM 40" PKR IN HOLE. FISHED REST OF PKR. UNABLE TO GET BELOW 3970' W/4-3/4" BIT.
 11/14/82: RAN CAT LOG. POSSIBLE CASING HOLES @ 3940' & 3954'.
 11/16/82: CO TO 4298' W/4-3/4" BIT.
 11/17/82: SET RBP @ 3875'. FOUND HOLE IN CSG @ 2542'. EIR @ 4 BPM & 500 PSIG. RETRIEVED RBP.
 11/18/82: SET CIBP @ 3875'. SET RETAINER @ 2400'. SQZD W/500 SX CMT. DID NOT SQZ. OVERDISPLACED.
 11/19/82: SQZD W/500 SX CMT. DID NOT SQZ. OVERDISPLACED.
 11/20/82: SQZD W/500 SX CMT. DID NOT SQZ. OVERDISPLACED.
 11/23/82: PPD 15 BBL SATURATED BRINE WATER W/1 PPG SAND. SCREENED OFF.
 11/24/82: DO SQZ & RETAINER. PPD INTO CSG LK @ 3.5 BPM & 750 PSIG.
 11/25/82: SET RETAINER @ 2362'. SQZ W/750 SX CMT TO 2000 PSIG.
 11/30/82: DO RETAINER & SQZ.
 12/01/82: TESTED SQZ TO 1500 PSIG FOR 15'. HELD OK.
 12/02/82: DO CIBP @ 3875' & TIH TO 4298'.
 12/04/82: RAN INJ EQUIP. SET PKR @ 3906'. RWTL. INJ 47 BWPD @ 1800 PSIG.
 12/08/82: LEAK IN 5-1/2" CSG JUST BELOW WH W/STRONG WATERFLOW.
 12/14/82: REPLACED TOP JOINT OF 5-1/2" CSG.
 12/16/82: SET RETAINER @ 2400'. EIR INTO CSG LK @ 2.5 BPM & 1900 PSIG.
 12/17/82: SQZD W/500 SX CMT TO 2600 PSIG.
 12/19/82: DO RETAINER & CMT.
 12/21/82: EIR INTO LK @ 3 BPM & 2500 PSIG. SQZD W/200 SX TO 2900 PSIG.

CSG LK @ 2542' SQZD 7 TIMES.

SPOTTED 50SX FR/1986-2599'. LEFT 4SX ON TOP.

CIBP @ 4039' W/50SX ON TOP.

5-1/2" 14# CSG @ 4096'. CMTD W/120SX. TOC?

OH 4096'-4298'.

TD. 4298'

W:WELL SKETCHES:SEMGAU:SEMGAU #1004 WIW

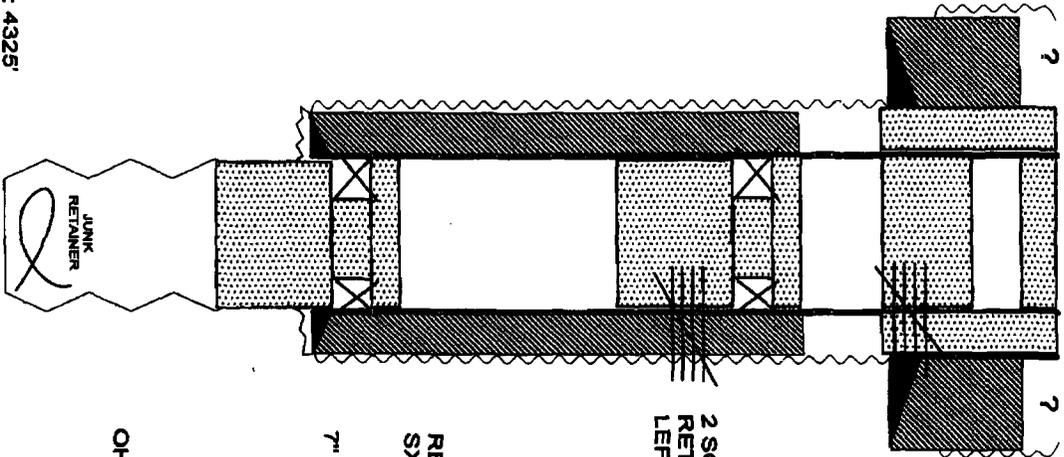
**SEMGSAU #1004 WIW
WELLBORE DIAGRAM**

019

12/24/82: DO RETAINER & CMT. EIR INTO LK @ 2 BPM & 3000 PSIG. SOZD W/200 SX TO
3000 PSIG.
12/29/82: DO RETAINER & CMT.
01/05/83: SITP 250 PSIG, 72 HRS. DO CIBP @ 3875 & CO WELL TO 4298'.
01/07/83: RAN INJ EQUIP. SET PKR @ 3875'. RWTL. INJ @ 1800 PSIG. CP INCR TO 1800
PSIG. SWI.
02/25/83: LD INJ EQUIP.
02/28/83: SET CIBP @ 4039'. SPOTTED 50 SX CMT ON TOP (613'). UNABLE TO PUMP INTO
LEAK @ 2000 PSIG.
02/27/83: SPOTTED 50 SX CMT FR/2599-1986'. PERF 2 SQZ HOLES @ 1230'. SET
RETAINER @ 1091'. PPD 175 SX CMT. CIRC. LEFT 25 SX ON TOP OF RETAINER
FR/1091'-785'.
03/01/83: SPOTTED SURF CMT PLUG FR/214' TO SURF. WELL PAID.

W:\WELL SKETCHES\SEMGSAU\SEMGSAU #1004 WIW

SEMGSAU #803 WIW WELLBORE DIAGRAM



15SX FR0-50'.
8-5/8" 32# CSG @ 1280'. CMTD W/50 SX (TOC?).
2 SQZD HOLES @ 1200'. PPD 250SX. CIRC. DISPL TO 100' (6/21/84).

TOC @ 1308'.

2 SQZD HOLES @ 2800'.
RETAINER @ 2899'. PPD 500SX.
LEFT 37SX ON TOP (6/20/84).

RETAINER @ 3947'. SQZD W/150 SX. LEFT 37SX ON TOP.
7" @ 4045' (TOC?).

OH 4045'-4325'.

TD: 4325'



W:\WELL SKETCH\SEMGS\SEMGS\AU#803 WIW

DATA

LOCATION: 660 FNL, 1980' FEL, Sec 32, T17S, R33E.
COUNTY/STATE: LEA COUNTY, NEW MEXICO
FIELD: MALJAMAR GRAYBURG SAN ANDRES
FORMATION: GRAYBURG
NMOCD LEASE NO: API #: CTOC ACCTG #: 450
PRODUCTION METHOD: PAID 06/22/84.

HISTORY

02/01/44: SPUD WELL.
05/10/44: COMPLETED DRLG. 8-5/8" CSG @ 1280'. CMTD W/50 SX (TOC?). 7" CSG @ 4045'. CMTD W/102 SX (TOC?).
05/11/44: DRLD OH TO 4325'. SHOT OH W/140 OTS NITRO. PLUGGED BACK TO 4313' TO SHUT OFF WTR. IPF 480 BOPD, 0 BWPD.
09/09/67: RAN INJ EOT. SET GIBBERSON RMC-1 PKR @ 3976'. CWTL INJ 225 BWPD @ 1500 PSIG.
03/01/76: CANT INJ INTO WELL. SI.
07/01/77: RWTL.
02/15/84: INJ 8 BWPD @ 1800 PSIG.
02/16/84: LD INJ EQUIP.
02/17/84: SET RBP @ 3993'. TSTD CSG TO 1000 PSIG. HELD OK
02/18/84: CUT OFF 8-5/8" WH. WELDED ON NEW 8-5/8" WH. "JOB TO REPAIR SOURCE OF PRESSURE ON CSG." "TWO ARE TO PLUG WELL."
06/13/84: SET RETAINER @ 3949'. UNABLE TO SQZ W/2500 PSIG.
06/16/84: DO & PUSH RETAINER TO 4300'. EIR @ 0.5 BPM & 1000 PSIG.
06/19/84: SPOT 250 GALS 15% HCL IN OH. SET RETAINER @ 3947'. SQZ OH W/150 SX TO 1900 PSIG. LEFT 37 SX (200') CMT ON TOP OF RETAINER.
06/20/84: PERF 2 SQZ HOLES @ 2800'. SET RETAINER @ 2899'. PPD 500 SX. DID NOT CIRC. LEFT 37 SX (200') CMT ON TOP OF RETAINER.
06/21/84: TOC @ 1308'. PERF 2 HOLES @ 1200'. PPD 250 SX. CIRC CMT. DISPL TO 100'.
06/22/84: PPD 15 SX CMT FR0-50'. WELL PAID.

SEMGS AU #902 WIW WELLBORE DIAGRAM

ELEV: KB: 4076': (EST)
GL: 4066'
CORR: 10' (EST)

SQZ'D HOLES @ 60'. CIRC CMT TO
SURF & FILLED CSG W/CMT.
CSG LK FR/O'-1040'.
SQZ'D HOLES @ 1200'. SQZ'D W/50SX.
TAGGED @ 1080'.

8-5/8" 24# J-55 CSG @ 1257'. CMT'D W/
50SX CMT.

DATA

LOCATION: 3300' FNL & 980' FEL, SEC 32, T-17-S, R-33-E
COUNTY/STATE: LEA COUNTY, NEW MEXICO
FIELD: MALJAMAR (GRAYBURG/SAN ANDRES)
FORMATION: GRAYBURG/SAN ANDRES
SPUD DATE: 2/13/51 COMPLETION DATE: 5/10/51
IP:

NMOC D LEASE #: 003355 API #: 30-025- CTOC WELL #: 450
PRODUCTION METHOD: PA'D

HISTORY

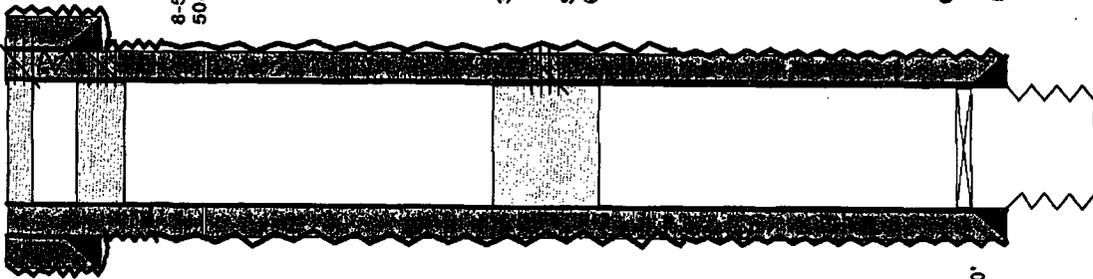
- 02/13/51: SPUDDED WELL.
- 05/10/51: COMPLETED WELL. SHOT 4289'-4313' W/85 QTS NITRO. IPP. 50 BOPD.
- 08/26/77: SET CIBP @ 4005' & DMP 4SX CMT.
- 08/27/77: RAN RODS, PMP & TBG BACK IN WELL. TA.
- 03/00/81: RE-ENTERED. 1ST CSG TO 500 PSIG. HELD OK. DO CIBP. WASH TO 4313' (OTD). DRL NEW 4-3/4" HOLE TO 4500'. SWAB 10 BWPH. NO SHOWS. TA W/1 JT TBG IN WELLHEAD.
- 11/20/81: CONVERT TO WIW.
- 08/21/92: RAN FALLOFF TEST.
- 09/09/94: RAN STEP RATE TEST. (TIGHT SPOTS @ 2703' & 3544').
- 10/05/94: NMOC D INCR MAX PRES TO 1825 PSIG.
- 06/21/98: A. W/1000 GALS 15% PENTOL - 150 @ 2.2 BPM & 2600 PSIG. ISIP 2010 PSIG. 15' SIP 1260 PSIG. BEFORE: INJ 220 BWPD @ 1350 PSIG. AFTER: INJ 285 BWPD @ 1300 PSIG.
- 10/10/98: TP 1200 PSIG. EIR INTO TCA @ 1.0 BPM & 300 PSIG. NMOC D WITNESSED. RWTI.
- 11/22/98: SWI PER NMOC D.
- 09/05/01: SITP 450 PSIG. SICP 0 PSIG. DN. FLWG. 75 BPM.
- 09/06/01: POH WINJ EQUIP. SET CIBP @ 3920'. PPD 25SX CMT FR/3675'-3920'. CSG LKS ISOLATED FR/O'-1040'. CSG TSTD FR/1040'-3673'. PERF'D SQZ HOLES @ 2800'. UNABLE TO EIR @ 1800 PSIG. PPD 30SX CMT FR/2650'-2850'.
- 09/07/01: TAGGED @ 2850'. PERF'D & SQZ'D HOLES @ 1200'. SQZ'D 50SX INTO SQZ HOLES. W/CMT TO SURF.
- 09/11/01: CUT OFF WH & WELDED CAP 3' BELOW GL. INST P & A MARKER. BF PIT & CLEARED LOC. WELL IS PA'D.

30SX CMT FR/2650'-2850'.

SQZ'D HOLES @ 2800'. UNABLE TO EIR @ 1800 PSIG. 25SX CMT FR/3675'-3920'.

CIBP @ 3920'.

5-1/2" 14# J-55 CSG @ 4050'. CMT'D W/100SX.



PBTD @ 4500'
TD @ 4500'

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LAND OFFICE	
OPERATOR	

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-103
Supersedes Old
C-102 and C-103
Effective 1-1-65

SMGSAU # 904

5a. Indicate Type of Lease	State <input checked="" type="checkbox"/> Fee <input type="checkbox"/>
5. State Oil & Gas Lease No.	B-5310

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. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>	7. Unit Agreement Name SMGSAU
2. Name of Operator Cities Service Oil Company	8. Farm or Lease Name Tract 9
3. Address of Operator Box 4906 - Midland, Texas 79701	9. Well No. 4
4. Location of Well: UNIT LETTER <u>A</u> <u>660</u> FEET FROM THE <u>North</u> LINE AND <u>660</u> FEET FROM THE <u>East</u> LINE, SECTION <u>32</u> TOWNSHIP <u>17S</u> RANGE <u>33E</u> NMPM.	10. Field and Pool, or Indicate Maljamar (G-SA)
15. Elevation (Show whether DF, RT, GR, etc.) N.A.	12. County Lea

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input checked="" type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	OTHER <input type="checkbox"/>	CASING TEST AND CEMENT JOBS <input type="checkbox"/>	OTHER <input type="checkbox"/>

17. 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.

This well was plugged and abandoned in the following manner:

- MIRU pulling unit and pulled rods and tubing.
- Loaded hole with mud laden fluid.
- Set a CIBP in 7" csg @ 3891' and dumped a 7 sx cement plug on top of CIBP @ 3891' - 3846'.
- Shot and pulled 74 jts (2215') of 7" OD casing.
- Displaced a 45 sx cement plug 1/2 in and 1/2 out of 7" csg stub @ 2265' - 2165'.
- Displaced a 45 sx cement plug 1/2 in and 1/2 out of 9-5/8" csg shoe @ 1350' - 1250'. This plug also covers the top of the salt.
- Set a 15 sx cement surface plug @ 30' - 0' with a 4" dry hole marker extending 4' above the surface to designate a dry hole.
- Location will be cleared of all equipment and debris and your office will be notified for final inspection.

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

SIGNED E. J. [Signature] TITLE Region Oper. Mgr. DATE July 10, 1973

APPROVED BY [Signature] TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

A F I [unclear]

WELLBORE DIAGRAM

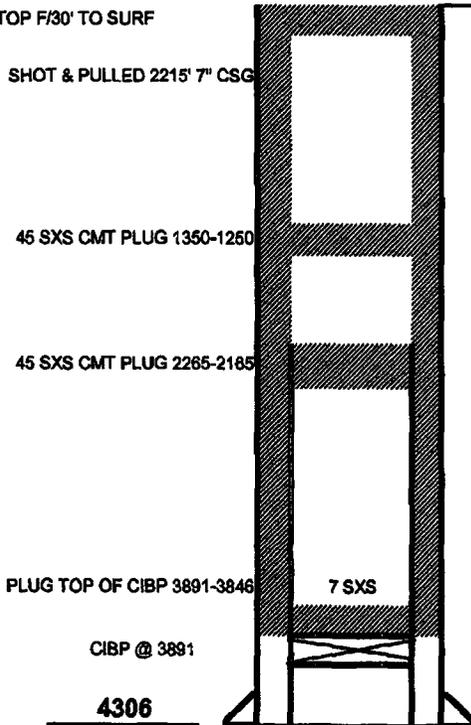


LEASE: SOUTHEAST MALJAMAR SAN ANDRES UNIT
 WELL # 904 PERMIT # _____
 SECTION LINES: 680' FNL & 680' FEL PMT DATE _____
 LEASE LINES: _____
 SEC-BLK-TWN-RNG A - 32 - 17S - 33E
 COUNTY: LEA
 STATE: NM

FIELD NAME: MALJAMAR SAN ANDRES
 API #: 30-025-01357
 LEASE #: _____
 POOL #: _____
 SPUD DATE: 3/29/1946
 COMP DATE: 7/24/1946
 GL _____
 DF _____
 KB _____

ORIGINALLY SHELL-STATE #5
 15 SXS CMT ON TOP F/30' TO SURF

**NOTE: WELL PLUGGED AND ABANDONED
 7/10/1973 BY CITIES SERVICE CO.**



HOLE SIZE: 11 _____
 SURF CSG.: 8 5/8" _____
 DEPTH: 1300 _____
 SXS CMT: 60 _____

 HOLE SIZE: 8 3/4 _____
 PROD CSG.: 7" 23# _____
 DEPTH: 3943 _____
 SXS CMT: 100 _____

TD

4306

PREPARED BY: LYN MARR /REGULATORY SPEC.

<table border="1" style="width:100%; border-collapse: collapse;"> <tr><td style="font-size: 8px;">NUMBER OF COPIES RECEIVED</td><td></td></tr> <tr><td style="font-size: 8px;">DISTRIBUTION</td><td></td></tr> <tr><td style="font-size: 8px;">SANTA FE</td><td></td></tr> <tr><td style="font-size: 8px;">P.O. BOX</td><td></td></tr> <tr><td style="font-size: 8px;">CITY</td><td></td></tr> <tr><td style="font-size: 8px;">STATE</td><td></td></tr> <tr><td style="font-size: 8px;">ZIP</td><td></td></tr> <tr><td style="font-size: 8px;">LAND OFFICE</td><td></td></tr> <tr><td style="font-size: 8px;">TRANSPORTER</td><td></td></tr> <tr><td style="font-size: 8px;">OPERATION OFFICE</td><td></td></tr> <tr><td style="font-size: 8px;">OPERATOR</td><td></td></tr> </table>	NUMBER OF COPIES RECEIVED		DISTRIBUTION		SANTA FE		P.O. BOX		CITY		STATE		ZIP		LAND OFFICE		TRANSPORTER		OPERATION OFFICE		OPERATOR		<p>NEW MEXICO OIL CONSERVATION COMMISSION</p> <p>MISCELLANEOUS REPORTS ON WELLS</p> <p style="font-size: 10px;">(Submit to appropriate District Office for Commission Rule 1106)</p>	<p>FORM C-103 (Rev 3-55)</p>
NUMBER OF COPIES RECEIVED																								
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LAND OFFICE																								
TRANSPORTER																								
OPERATION OFFICE																								
OPERATOR																								
Name of Company James P. Dunigan		Address 415 Citizens Nat'l Bank Building Abilene, Texas																						
Lease Carper-State	Well No. 1	Unit Letter D	Section 32	Township 17 8	Range 33 E																			
Date Work Performed 7-13-61	Pool Corbin Abo		County Lee																					
THIS IS A REPORT OF: (Check appropriate block)																								
<input type="checkbox"/> Beginning Drilling Operations		<input type="checkbox"/> Casing Test and Cement Job		<input type="checkbox"/> Other (Explain):																				
<input checked="" type="checkbox"/> Plugging		<input type="checkbox"/> Remedial Work																						
Detailed account of work done, nature and quantity of materials used, and results obtained.																								
<p>Hole was full of heavy mud. Spotted 25 sacks of regular neat cement from total depth of 8809' - 8729'. Spotted 25 sacks of regular neat cement from 8420-8440'. Spotted 25 sacks of regular neat cement from 6950-6870'. Spotted 25 sacks regular neat cement from 5900-5820'. Spotted 25 sacks regular neat cement from 4200-4120'. Spotted 25 sacks of regular neat cement from 2940-2860. Cut off 8 3/8" O.D. casing at 2010' and pulled same. Spotted 25 sacks regular neat cement from 2010-1970. Spotted 25 sacks regular neat cement from 1200-1160. Spotted 25 sacks regular neat cement from 330-290'. Spotted 10 sacks regular neat cement in top of surface casing. Will level location and erect regulation dry hole marker when rig is moved from location. Verbal permission was obtained from Mr. Engbrecht by James P. Dunigan and J. B. Harrell, Jr., on 7-11-61 to plug this well.</p>																								
Witnessed by Albert Pierce		Position Superintendent		Company Carper Drilling Company, Inc.																				
FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY																								
ORIGINAL WELL DATA																								
D F Elev.	T D	P B T D	Producing Interval	Completion Date																				
Tubing Diameter		Tubing Depth	Oil String Diameter	Oil String Depth																				
Perforated Interval(s)																								
Open Hole Interval			Producing Formation(s)																					
RESULTS OF WORKOVER																								
Test	Date of Test	Oil Production BPD	Gas Production MCFPD	Water Production BPD	GOR Cubic feet/Bbl	Gas Well Potential MCFPD																		
Before Workover																								
After Workover																								
OIL CONSERVATION COMMISSION				I hereby certify that the information given above is true and complete to the best of my knowledge.																				
Approved by Leslie A. Clements		Name J. B. Harrell, Jr.																						
Title		Position Superintendent																						
Date		Company James P. Dunigan																						

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	GAS
REGULATION OFFICE	
OPERATOR	

NEW MEXICO OIL CONSERVATION COMMISSION
MISCELLANEOUS REPORTS ON WELLS

FORM C-103
(Rev 3-55)

(Submit to appropriate District Office as per Commission Rule 1106)

Name of Company James P. Dunigan		Address 415 Citizens National Bank Building Abilene, Texas			
Lease Carper-State	Well No. 1	Unit Letter D	Section 32	Township 17 S	Range 33 E
Date Work Performed 6-17-61	Pool Corbin Abo		County Lea		

THIS IS A REPORT OF: (Check appropriate block)

- | | | |
|--|--|---|
| <input type="checkbox"/> Beginning Drilling Operations | <input checked="" type="checkbox"/> Casing Test and Cement Job | <input type="checkbox"/> Other (Explain): |
| <input type="checkbox"/> Plugging | <input type="checkbox"/> Remedial Work | |

Detailed account of work done, nature and quantity of materials used, and results obtained.

Ran 2915' of 8 5/8" O.D. 24# & 32# new casing. Set at 2915 and cemented with 250 sacks of regular neat cement. Let cement set for 36 hours. Drilled out cement and drilled to 2930'. Pressured casing up to 1500 PSI. Pressure held for 30 minutes without decreasing.

Witnessed by Bubba Spears	Position Agent	Company James P. Dunigan
-------------------------------------	--------------------------	------------------------------------

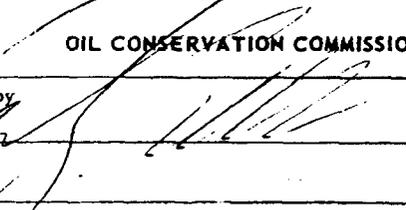
FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

ORIGINAL WELL DATA

D F Elev.	T D	P B T D	Producing Interval	Completion Date
Tubing Diameter	Tubing Depth	Oil String Diameter	Oil String Depth	
Perforated Interval(s)				
Open Hole Interval		Producing Formation(s)		

RESULTS OF WORKOVER

Test	Date of Test	Oil Production BPD	Gas Production MCFPD	Water Production BPD	GOR Cubic feet/Bbl	Gas Well Potential MCFPD
Before Workover						
After Workover						

OIL CONSERVATION COMMISSION		I hereby certify that the information given above is true and complete to the best of my knowledge.	
Approved by		Name	J. B. Harrell
Title		Position	Superintendent
Date		Company	James P. Dunigan

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TRANSPORTER	OIL		
	GAS		
PRODUCTION OFFICE			
OPERATOR			

Checked 7/1
Form C-1

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

1961 JUL 18

WELL RECORD

Mail to District Office, Oil Conservation Commission, to which Form C-101 was sent not later than twenty days after completion of well. Follow instructions in Rules and Regulations of the Commission. Submit in **QUINTUPLICATE** If State Land submit 6 Copies

AREA 640 ACRES
LOCATE WELL CORRECTLY

James P. Dunigan

Carper-State

(Company or Operator)

(Lease)

Well No. 1 in NW 1/4 of NW 1/4 of Sec 32, T. 17 S, R. 33 E, NMPM.

Corbin Abo Prob. Lea County.

Well is 777 feet from North line and 330 feet from West line of Section 32. If State Land the Oil and Gas Lease No. is E 398

Drilling Commenced 6-12-61, 19... Drilling was Completed 7-10-61, 19...

Name of Drilling Contractor Carper Drilling Company, Inc.

Address Carper Building, Artesia, New Mexico

Elevation above sea level at GROUND 4051' The information given is to be kept confidential until _____, 19...

OIL SANDS OR ZONES

No. 1, from None to _____ No. 4, from _____ to _____
 No. 2, from _____ to _____ No. 5, from _____ to _____
 No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from _____ to _____ feet.
 No. 2, from _____ to _____ feet.
 No. 3, from _____ to _____ feet.
 No. 4, from _____ to _____ feet.

CASING RECORD

SIZE	WEIGHT PER FOOT	NEW OR USED	AMOUNT	KIND OF SOLE	CUT AND PULLED FROM	PERFORATIONS	PURPOSE
11 3/4	28 #	New	315	Tex. Patt.			Surface
8 5/8	24# & 32#	New	2915	Hall	2010		Intermediate

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. BAGS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
17 1/2	11 3/4	315	275	Pump & Plug		
11"	8 5/8	2915	250	Pump & Plug		

RECORD OF PRODUCTION AND STIMULATION

(Record the Process used, No. of Qtz. or Gals. used, interval treated or shot.)

This well was a dry hole and has been plugged and abandoned.

Result of Production Stimulation.....

Depth Cleaned Out.....



WELLBORE DIAGRAM

LEASE:	<u>CARPER-STATE</u>	WELL:	<u>1</u>	FIELD:	<u>MALJAMAR:GRAYBURG-SAN ANDRES</u>	API:	<u>30-025-01354</u>
LOC:	<u>2310' FNL & 1650' FWL</u>	SEC:	<u>32</u>				
T/R	<u>UNIT D 17S 33E</u>	GL:	<u>4057</u>	CTY/ST	<u>LEA NEW MEXICO</u>	SPUD:	<u> </u>
CURRENT STATUS:	<u>PA</u>					TD DATE:	<u> </u>
						COMP DATE:	<u> </u>

WELL PLUGGED 7-1-61

10 SXS

25 SXS 330-290'

25 SXS 1200-1160

25 SXS F/2010-1970'

8 5/8" OD CSG CUT OFF
2010'

25 SXS 2940-2860'

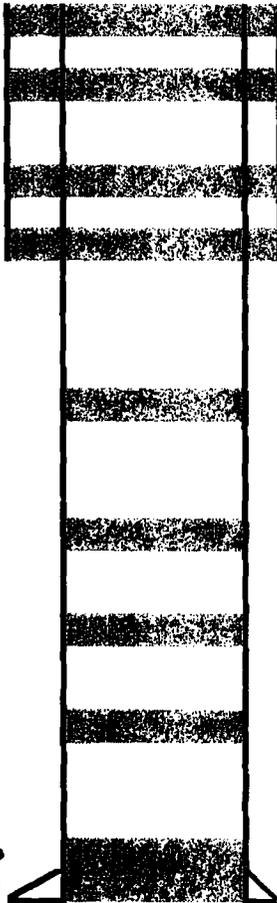
25 SXS 4200-4120'

25 SXS 6950-6870'

25 SXS 8420-8640'

25 SXS 8729-8809 TD
8809'

TD:



HOLE SIZE:

HOLE SIZE:

PROD. CSG & SIZE:

SET @:

SXS CMT:

CIRC:

BY: LYN MARR
8/24/2006

NEW MEXICO OIL CONSERVATION COMMISSION

FORM C-103
(Rev 3-55)

MISCELLANEOUS REPORTS ON WELLS OFFICE OCC

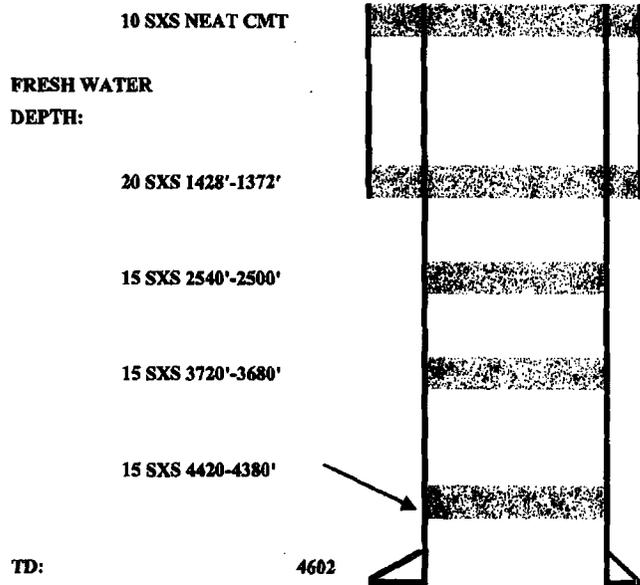
(Submit to appropriate District Office as per Commission Rule 1106)

Name of Company Carper Drilling Company, Inc.					Address Artesia, New Mexico		
Lease Carper-Stats "A"	Well No. 7	Unit Letter F	Section 32	Township 17 S	Range 33 E		
Date Work Performed 6-15-62		Pool Muljamar		County Lea			
THIS IS A REPORT OF: (Check appropriate block)							
<input type="checkbox"/> Beginning Drilling Operations		<input type="checkbox"/> Casing Test and Cement Job		<input type="checkbox"/> Other (Explain):			
<input checked="" type="checkbox"/> Plugging		<input type="checkbox"/> Remedial Work					
Detailed account of work done, nature and quantity of materials used, and results obtained.							
T. D. 4602'							
Run Lease-Well Gamma Ray-Neutron Log.							
Well was plugged and abandoned, no fluid encountered to total depth. Cement plugs set as follows:							
15 Sacks neat cement		4420' - 4380'					
15 Sacks neat cement		3720' - 3680'					
15 Sacks neat cement		2540' - 2500'					
20 Sacks neat cement		1428' - 1372'					
10 Sacks neat cement w/marker at surface.							
 Verbal approval for plugging was obtained by telephone from Mr. Joe Ramsey by Vincent Foster - May 29, 1962.							
Witnessed by C. E. Stern		Position Prod. Supt.		Company Carper Drilling Company, Inc.			
FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY							
ORIGINAL WELL DATA							
DF Elev.	TD	PBSD		Producing Interval		Completion Date	
Tubing Diameter		Tubing Depth		Oil String Diameter		Oil String Depth	
Perforated Interval(s)							
Open Hole Interval				Producing Formation(s)			
RESULTS OF WORKOVER							
Test	Date of Test	Oil Production BPD	Gas Production MCFPD	Water Production BPD	GOR Cubic feet/Bbl	Gas Well Potential MCFPD	
Before Workover							
After Workover							
OIL CONSERVATION COMMISSION				I hereby certify that the information given above is true and complete to the best of my knowledge.			
Approved by <i>John W. Ramsey</i>				Name <i>Marshall Hardy</i>			
Title				Position Exec. Vice-President			
Date				Company Carper Drilling Company, Inc.			



WELLBORE DIAGRAM

LEASE:	<u>CARPER - STATE "A"</u>	WELL:	<u>7</u>	FIELD:	<u>MALJAMAR:GRAYBURG-SAN ANDRES</u>	API:	<u>30-025-01343</u>
LOC:	<u>2310' FNL & 1650' FWL</u>	SEC:	<u>32</u>				
T/R	<u>17S 33E</u>	GL:	<u>4057</u>	CTY/ST	<u>LEA NEW MEXICO</u>	SPUD:	<u></u>
CURRENT STATUS:	<u>PA</u>					TD DATE:	<u></u>
						COMP DATE:	<u></u>



HOLE SIZE: 11"
 SURF CSG & SIZE: 8.625 24#
 SET @: 1402
 SXS CMT: 300
 CIRC: YES

HOLE SIZE: 8"
 PROD. CSG & SIZE: 4 1/2" 10.5#
 SET @: 4602
 SXS CMT: 250
 CIRC:

TD: 4602

BY: LYN MARR
 8/24/2006

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NEW MEXICO OIL CONSERVATION COMMISSION

Form C-103
Supersedes Old
C-102 and C-103
Effective 1-1-65

5a. Indicate Type of Lease
State Fee
5. State Oil & Gas Lease No.

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. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER- Plugged well	7. Unit Agreement Name
2. Name of Operator Cities Service Company (Barney Cockburn)	8. Farm or Lease Name COCKBURN STATE
3. Address of Operator Box 1919 Midland, TX 79702	9. Well No. 1
4. Location of Well UNIT LETTER D 660 FEET FROM THE North LINE AND 660 FEET FROM THE West LINE, SECTION 32 TOWNSHIP 17S RANGE 33E NMPM.	10. Field and Pool, or Wildcat Maljamar-GBSA
15. Elevation (Show whether DF, RT, GR, etc.)	12. County Lea

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	OTHER <input type="checkbox"/>	CASING TEST AND CEMENT JOB <input type="checkbox"/>	OTHER Re-enter & re-plug <input checked="" type="checkbox"/>

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1703.

T.D. 4473'

SEE ATTACHMENT:

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

SIGNED *[Signature]* TITLE Region Oper. Mgr. DATE 3/18/80

APPROVED BY *[Signature]* TITLE OIL & GAS INSPECTOR DATE JUL 15 1980

CONDITIONS OF APPROVAL, IF ANY:

ATTACHMENT for COCKBURN STATE #1, form C-103, dated 3/18/80.

The Cockburn State A #1 was drilled in 1945, & operated by Barney Cockburn. We have no plugging information on this well. The NMOCD has recently ruled that several wells in this vicinity, including this well, are not properly plugged for the purpose of water injection. Since the NMOCD is now requiring anyone who is injecting water within $\frac{1}{2}$ mile of these wells to replug the well bore, the responsibility rests with the Southeast Maljamar Grayburg-San Andres Unit.

RIH w/4 -3/4" RB. Tagged metal @ 1566'. Circ. & drld 9' to 1575'. Could get no deeper. RIH w/ 7-1/8" lead impression block on 2-7/8" EUE tbg. Tagged @ 1566'. Got good impression of 2-3/8" EUE tbg. body looking up. RIH w/ 5-3/4" O.S. w/oversize guide, 3-3/4" jars, 4 3 1/2" DC's on 2-7/8" EUE tbg. POOH w/overshot.

Milled 15' to 1581'. RIH w/mule shoe tbg sub on 2-7/8" EUE tbg to 1650' without touching anything. Ran GR-CCL from 1662' to surface. Shows 7" csg stub at 1622' & 8-5/8" csg shoe at 1262'. Mixed & pmpd 200 sx Class C & displaced 1675 - 1284'.

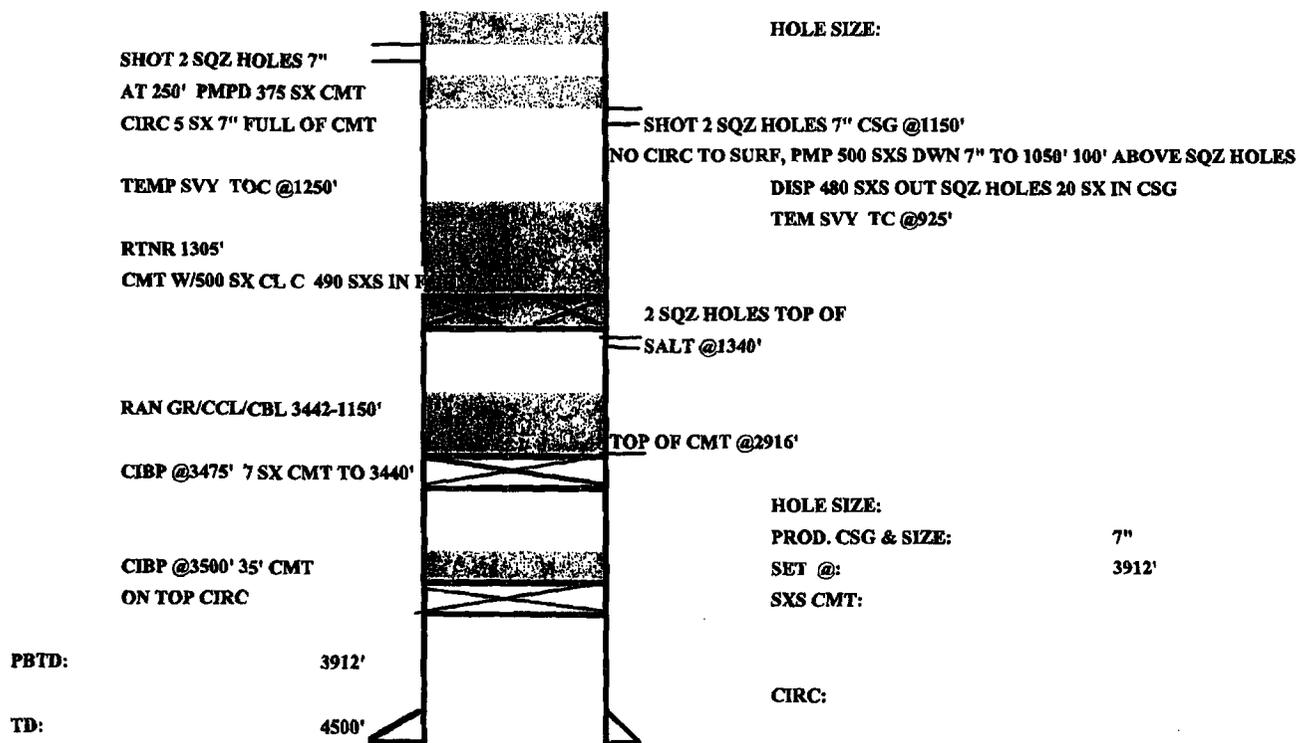
Tagged cmt plug at 1313'. Mixed & pmpd 200 sx Class C & displaced 1313 - 956'. Tagged cmt plug at 1020'. Circ hole w/mud laden fluid. Displaced 10 sx cmt plug 30' to surface. Installed 4" dry hole marker. Mason Clegg w/NMOCD witnessed job.



WELLBORE DIAGRAM

LEASE: <u>COCKBURN ST</u>	WELL: <u>5</u>	FIELD: <u>MALJAMAR:GRAYBURG-SAN ANDRES</u>	API: <u>30-025-01351</u>
LOC: <u>1650' FNL & 1650' FEL</u>	SEC: <u>32</u>		
T/R: <u>UNIT G 17S 33E</u>	GL: _____	CTY/ST: <u>LEA NEW MEXICO</u>	SPUD: _____
CURRENT STATUS: <u>PA</u>			TD DATE: _____
			COMP DATE: _____

WELL PLUGGED 2/12/80 BY CITIES SERVICE



BY: LYN MARR
8/24/2006

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OPERATOR		

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-103
Supersedes Old
C-102 and C-103
Effective 1-1-85

5a. Indicate Type of Lease
State Fee
5. State Oil & Gas Lease No.
B-5310

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. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>	7. Unit Agreement Name
2. Name of Operator Cities Service Company	8. Farm or Lease Name STATE CB
3. Address of Operator Box 1919 Midland, TX 79702	9. Well No. 5
4. Location of Well UNIT LETTER <u>G</u> <u>1650</u> FEET FROM THE <u>North</u> LINE AND <u>1650</u> FEET FROM THE <u>East</u> LINE, SECTION <u>32</u> TOWNSHIP <u>17S</u> RANGE <u>33E</u> NMPM.	10. Field and Pool, or Wildcat Corbin
15. Elevation (Show whether DP, RT, GR, etc.)	12. County Lea

16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data
NOTICE OF INTENTION TO: SUBSEQUENT REPORT OF:

PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPERATIONS <input type="checkbox"/>	PLUG AND ABANDONMENT <input checked="" type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	OTHER <input type="checkbox"/>	CASING TEST AND CEMENT JOBS <input type="checkbox"/>	OTHER <input type="checkbox"/>

17. 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.

SEE ATTACHMENT

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

SIGNED [Signature] TITLE Region Oper. Mgr. DATE 2/12/80

APPROVED BY [Signature] TITLE OIL & GAS INSPECTOR DATE JUL 15 1980

CONDITIONS OF APPROVAL, IF ANY:

AP I # 31 005 - 01351

*Cochran
8/5*

ATTACHMENT for STATE CB #5, dated 2/12/80 on form C-103

TD 4500', PBD 3912', 7" csg @ 3912', Perfs 3665-3700'.
P&A 2/9/80.

The NMOCD required that this well be properly plugged. It was acquired in December, 1965 as part of the Carper purchase. It has been drld by Carper to TD 4500' & failed to produce in both the Queen and GBSA zones. It has been TA'd since that date. Current Prod: 0 (TA'd). Well is in the Corbin Pool, Lea County, NM.

1. MIRU plugging equpt. Shot hole in top of 7" csg. NU BOP. RIH w/6-1/8" RB, 2 4-3/4" DC's on 2-7/8" EUE tbg.
2. Tagged at 3505.30' inside 7" csg. (Jerry Sexton w/NMOCD gave verbal approval to set CIBP at 3500' & dump 35' cmt on top of CIBP). Circ hole w/fresh wtr. & SION.
3. POOH. RIH w/6-1/8" RB, 7" csg scraper & 2 4-3/4" DC's on 2-7/8" EUE tbg to 3505'. CHC. POOH. Set CIBP on WL @ 3475' SION. (Otto Wink w/NMOCD was on location).
4. RU. Ran GR-CCL-CBL. 3442-1150'. Cmt bond as follows:
 - 3442-3334 - channeled
 - 3334-3122 - good
 - 3122-2916 - channeled
 - Top of cement at 2916'

Dumped 7 sx cmt on top of CIBP 3475-3440'. Shot 2 sqz holes at top of salt at 1340' (This step approved by Jerry Sexton w/NMOCD). Closed BOP. Est. inj. rate down 7" csg 3 B/M at 1100#. RIH w/7" Halco SV-EZ drill cmt retainer on 2-7/8" EUE tbg. Set retainer at 1305'. Inj. rate 3 B/M at 1100#. Cmtd w/500 sx Class "C". No circ while cmtg. SD to wash cmt out of surface lines. Started to displace tbg. Cmt had set. Could not displace tbg at max 1500#. PU of out retainer. Reversed out cmt. Got 491 sx in form, 7 sx in csg below retainer and reversed out 2 sx. Pulled 2 stands and SION. (Otto Wink of NMOCD was on location).

5. POOH. w/2-7/8" tbg & setting tool. Ran temp. survey. Tagged inside @ 1307'. TC @ 1250' in annulus. RU. Shot 2 sqz holes in 7" csg at 1150' Closed BOP. Est inj rate down 7" csg 5 B/M @ 200#. No Circ to surface. ND BOP. Inst. 7" swage in top of csg. Mixed & pumpd 500 sx Halco Lite & displaced down 7" csg to 1050' (100" above sqz holes) Displaced 480 sx out sqz hole & left 20 sx in csg. (Otto Wink & Jerry Sexton w/NMOCD on location).

6. Ran temp survey. Tagged inside at 1050'. TC at 925' in annulus. RU. Shot 2 sqz holes in 7" csg @ 250'. Est. inj rate down 7" csg 4 B/M at 500#. Mixed & pumpd 375 sx Halco Lite & displaced down 7" csg. Circ 5 sx. Left 7" full of cmt & 7" of cmt in bottom of collar. Installed 4" dry hole marker. RD Unit.

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NEW MEXICO OIL CONSERVATION COMMISSION

Form C-103
Supersedes Old
C-102 and C-103
Effective 1-1-65

5a. Indicate Type of Lease
State Fee
 5. State C.L. & Loc. Lease No.
B-5310

SUNDRY NOTICES AND REPORTS ON WELLS
DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO REOPEN OR PLUG BACK TO A DIFFERENT RESERVOIR.
 USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.

1. <input checked="" type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER	7. Unit Agreement Name
2. Name of Operator Cities Service Oil and Gas Corporation	8. Farm or Lease Name State CB
3. Address of Operator P. O. Box 1919 - Midland, Texas 79702	9. Well No. 2
4. Location of Well UNIT LETTER G 2310 FEET FROM THE North LINE AND 1700 FEET FROM THE East LINE, SECTION 32 TOWNSHIP 17S RANGE 33E NMPM. 15. Elevation (Show whether DF, RT, GR, etc.) 4250' DF	10. Field and Pool, or Wildcat Corbin Abo
	12. County Lea

16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data
 NOTICE OF INTENTION TO: SUBSEQUENT REPORT OF:

PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input checked="" type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	OTHER <input type="checkbox"/>	CASING TEST AND CEMENT JOB <input type="checkbox"/>	

17. 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.

O.T.D. 8780', P.B.T.D 8770'. This well was plugged and abandoned in the following manner:

- MIRU Pulling Unit, ND WH, NU BOP, released tubing anchor and pulled tubing.
- Set a 4-1/2" CIBP @ 8630'. RIH w/open ended tubing to 8630' and loaded hole w/mud laden fluid. Dumped 5 sacks of cement on top of CIBP set @ 8630'. POOH to 6220'.
- Spotted a 25 sack cement plug @ 6234-5985'. POOH to 3993'.
- Spotted a 25 sack cement plug @ 3993-3743'. POOH w/tubing.
- Cut off 4-1/2" casing @ 3068' and POOH.
- RIH w/open ended tubing and loaded hole w/mud laden fluid. Spotted a 50 sack cement plug @ 3219-3019, in and out of the 4-1/2" casing stub @ 3068'. POOH w/tubing.
- RIH w/open ended tubing and tagged top of cement plug @ 3019'. Spotted a 75 sack cement plug @ 3019-2719'. POOH w/tubing.
- Cut 8-5/8" casing @ 386' and POOH.
- RIH w/open ended tubing and loaded hole w/mud laden fluid. Spotted a 120 sack cement plug @ 443-143', in and out of the 8-5/8" casing stub @ 386'. POOH to 56'. (Cont'd on back)

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

SIGNED Elmer Stutz TITLE Reg. Opr. Mgr.-Prod. DATE 11-18-83

APPROVED BY David Catonah TITLE OIL & GAS INSPECTOR DATE APR 2 1984

CONDITIONS OF APPROVAL, IF ANY:

A.P.C. # 33-025-21209

10. Set a 40 sack cement surface plug @ 56-0'. POOH w/tubing.
11. Cleaned out cellar, cut off WH and installed a 4" Dry hole marker to designate a plugged and abandoned location.

This plugging was witnessed by Tony Plattsmier w/NMOCD located at Hobbs, New Mexico.

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NEW MEXICO OIL CONSERVATION COMMISSION

Form C-103
Supersedes Old
C-102 and C-103
Effective 1-1-85

5a. Indicate Type of Lease
State Fee

5. State Oil & Gas Lease No.
B-5310

7. Unit Agreement Name

8. Farm or Lease Name
State CB

9. Well No.
2

10. Field and Pool, or Wildcat
Corbin Abo

12. County
Lea

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. OIL WELL GAS WELL OTHER

2. Name of Operator
CITIES SERVICE OIL & GAS CORPORATION

3. Address of Operator
BOX 1919 - Midland, Texas 79702

4. Location of Well
UNIT LETTER G 2310 FEET FROM THE North LINE AND 1700 FEET FROM
THE East LINE, SECTION 32 TOWNSHIP 17S RANGE 33E N.M.P.M.

15. Elevation (Show whether DF, RT, GR, etc.)
4250' DF

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input checked="" type="checkbox"/>	REMEDIATIONAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPER. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	OTHER <input type="checkbox"/>	CASING TEST AND CEMENT JOB <input type="checkbox"/>	OTHER <input type="checkbox"/>

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1 (03).

OTD 8780', OPBTD 8770'. It is proposed to plug and abandon this well in the following manner:

- MIRU PU. POOH with rods and pump. ND WH & NU BOP. POOH w/ tubing.
- RIH with CIBP on tubing. Set CIBP @ 8630'. Circ. hole with mud laden fluid. Spot a 5 sack cmt. plug on top of CIBP @ approx. 8630' - 8580', across the top of the ABO formation.
- POOH to approximately 4000'. Spot a ²⁰ sack cmt plug from approximately 4000'-3900', across the top of the Grayburg-San Andres. POOH.
- RU csg jacks. Weld on lift nipple, run free point & CO 4 1/2" csg. @ approximately 3000' or wherever free. POOH & LD casing
- RIH with OE'd tbg. to approximately 3050'. .CHC. Spot a 50 sack cmt. plug from approximate 3050'-2850', 1/2 in & 1/2 out of the 4 1/2" csg. stub @ approx. 3000' & 1/2 in & 1/2 out of the 8-5/8" csg shoe @ 2897', across the top of the Seven Rivers-Queen. POOH.
- Weld on lift nipple & PU 8-5/8" csg. Run free point & cut off 8-5/8" csg. @ approx. 1400'. POOH & LD casing.

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

SIGNED Elmer Stutz TITLE REGION OPERATIONS MANAGER - PRODUCTION DATE 9/20-83

APPROVED BY DISTRICT 1 SUPERVISOR TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

SEP 29 1983

7. RIH w/OE'd tubing to approximately 1450'. CHC. Spot a 40 sack cement plug from approximately 1450'-1350';, 1/2 in & 1/2 out of the 8-5/8" casing stub @ approximately 1400', across the top of the salt section.
8. POOH to approximately 380'. Spot a 70 sack cement plug from approximately 380'-280', 1/2 in & 1/2 out of the 13-3/8" casing shoe @ 331'. POOH.
9. ND BOP & CO WH. Spot a 50 sack cement surface plug from approximately 50-0'. Install a dry hole marker to designate a plugged and abandoned location.

RECEIVED

SEP 28 1983

HOLES

WELLBORE DIAGRAM



LEASE: STATE CB
 WELL # 2 PERMIT #
 SECTION LINES: 2310' FNL & 1700' FEL PMT DATE
 LEASE LINES:
 SEC-BLK-TWN-RNG G - 32 - 17S - 33E
 COUNTY: LEA
 STATE: NM

FIELD NAME: CORBIN ABO
 API #: 30-025-21208
 LEASE #:
 POOL #:
 SPUD DATE: 9/1/1965
 COMP DATE: 10/18/1985
 GL 4250
 DF
 KB

NOTE: WELL PLUGGED AND ABANDONED 7/7/2005 BY MACK ENERGY CORP.

40 sx cmt plug 56-0'
 120 sx cmt plug 443-143'
 8 5/8" csg cut off @386'

HOLE SIZE: 17 1/2
 SURF CSG.: 13 3/8
 DEPTH: 231
 SXS CMT: 250

50 sx cmt plug 3019-2719
 50 sx cmt plug 3219-3019

4 1/2" csg cut off @3068'

25 SX CMT PLUG 3993-3743'

HOLE SIZE: 11 1/4
 PROD CSG.: 8 5/8"
 DEPTH: 2897
 SXS CMT: 500

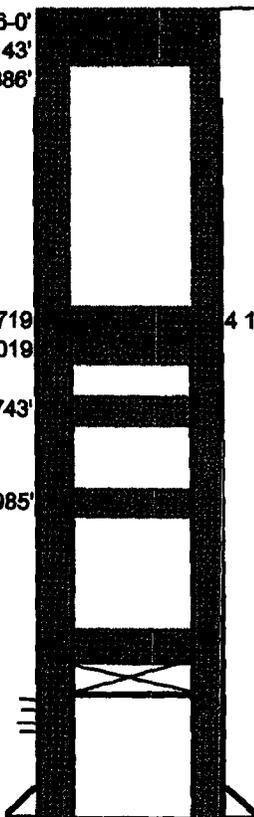
25 SX CMT PLUG 6234-5985'

CIBP @8630' 5 SXS ON TOP

HOLE SIZE: 7 7/8
 PROD CSG.: 4 1/2 10.5#
 DEPTH: 8779
 SXS CMT: 850

PERFS 8750, 8752, 8754, 8756, 8758

PD 8770
 TD 8780



PREPARED BY: LYN MARR /REGULATORY SPEC.

NO. OF COPIES RECEIVED		
DISTRIBUTION		
SANTA FE		
FILE		
U.S.G.S.		
LAND OFFICE		
OPERATOR		

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-103
Supersedes Old
C-102 and C-103
Effective 1-1-65

5a. Indicate Type of Lease State <input checked="" type="checkbox"/> Fee <input type="checkbox"/>
5. State Oil & Gas Lease No. 8-5310
7. Unit Agreement Name
8. Farm or Lease Name Ohio A-State
9. Well No. 6
10. Field and Pool, or Wildcat Corbin Queen
11. Elevation (Show whether DF, RT, GR, etc.) 4051 GR
12. County Lea

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. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>
2. Name of Operator Cities Service Oil Company
3. Address of Operator Box 69 - Hobbs, New Mexico
4. Location of Well UNIT LETTER H 2310 FEET FROM THE North LINE AND 330 FEET FROM THE East LINE, SECTION 32 TOWNSHIP 17S RANGE 33E NMPM.
15. Elevation (Show whether DF, RT, GR, etc.) 4051 GR

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNG. <input type="checkbox"/>	PLUG AND ABANDONMENT <input checked="" type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	OTHER <input type="checkbox"/>	CASING TEST AND CEMENT JOB <input type="checkbox"/>	OTHER <input type="checkbox"/>

17. 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.

The above well was plugged and abandoned on August 1, 1970 in the following manner:

1. Set a CI bridge plug @ 3700 (7" set @ 3735 w/50 sacks)
2. Loaded hole with mud laden fluid.
3. Set a 5 sack cement plug on top of BP @ 3700-3660.
4. Cut and pulled 1750' of 7" casing.
5. Set a 50 sack cement plug @ 1800-1650 (½ in and ½ out of 7" csg. stub @ 1750)
6. Set a 50 sack cement plug @ 1425-1300 (½ in and ½ out of 8 5/8" casing set @ 1368 w/100 sacks).
7. Set a 10 sack cement surface plug @ 30-0 with a 4" pipe extending 4' above the surface to designate a P & A location.
8. The location has been cleaned of all debris and equipment and is ready for final inspection.

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

TO: _____ TITLE **District Admin, Supervisor** DATE **1/12/71**

BY: John W. Runyan TITLE **Geologist** DATE **MAR 31 1971**

NO. OF APPROVAL, IF ANY: _____



WELLBORE DIAGRAM

LEASE: OHIO A - STATE	WELL: <u>6</u>	FIELD: MALJAMAR:GRAYBURG-SAN ANDRES	API: <u>30-025-01344</u>
LOC: <u>2310' FNL 330' FEL</u>	SEC: <u>32</u>		
T/R: <u>UNIT H 17S 33E</u>	GL: <u>4051</u>	CTY/ST: <u>LEA NEW MEXICO</u>	SPUD: _____
CURRENT STATUS: <u>PA</u>			TD DATE: _____
			COMP DATE: _____

WELL PLUGGED 8/1/1970 BY CITIES SERVICE

10 SXS SURF PLUG 30'-0'
4" PIPE 4' ABOVE SURF

50 SXS CMT PLUG 1425-1300

50 SXS CMT PLUG 1800-1650'

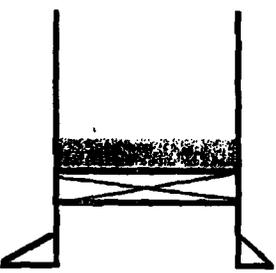


HOLE SIZE:

1/2 IN AND 1/2 OUT OF 7" CSG STUB @1750'

PULLED 1750' OF 7" CSG

CIBP @3700' 5 SXS CMT
3700-3660'



HOLE SIZE:
 PROD. CSG & SIZE: 7"
 SET @: 3735
 SXS CMT: 50 SXS
 CIRC:

TD: 3735

BY: LYN MARR
8/24/2006

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 88240

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

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

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

WELL API NO. 30-025-01345
5. Indicate Type of Lease STATE [X] FEE []
6. State Oil & Gas Lease No. B5310

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 [X] GAS WELL [] OTHER []
2. Name of Operator: OXY USA Inc. 16696
3. Address of Operator: P.O. Box 50250 Midland, TX 79710-0250
4. Well Location: Unit Letter G : 2310 Feet From The North Line and 2310 Feet From The East Line
Section 32 Township 17S Range 33E NMPM Lea County
10. Elevation (Show whether DP, RKB, RT, CR, etc.) 4404'

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data
NOTICE OF INTENTION TO:
PERFORM REMEDIAL WORK [] PLUG AND ABANDON [X]
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.

See other side

THE COMMISSION MUST BE NOTIFIED 24 HOURS PRIOR TO THE BEGINNING OF PERIODIC OPERATIONS FOR THE C-103 TO BE APPROVED.

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

SIGNATURE: [Signature] TITLE: Regulatory Analyst DATE: 12/16/97
TYPE OR PRINT NAME: David Stewart TELEPHONE NO. 9156855717

(This space for State Use) ORIGINAL SIGNED BY CHRIS WILLIAMS DISTRICT I SUPERVISOR APPROVED BY: [Signature] TITLE: DATE:

CONDITIONS OF APPROVAL, IF ANY:

TCT

do

ATTACHMENT C-103
OXY USA INC.
STATE CB #1
SEC 32 T178 R33E
LEA COUNTY, NM

TD - 4810' PBDT - 4522' PERFS - 4345-4492'

CASING: 8-5/8" 24# @ 329', 11", cmt w/ 300sx (circ)
4-1/2" 10.5# @ 4809', 7-7/8", cmt w/ 250sx (CALC-3493')
8/13/97, RIH & SET CIBP @ 4245'

1. MIRU PU, NDWH, NUBOP. RIH & TAG CIBP @ 4245', SPOT 10sx CL CMT ON TOP, POOH. M&P 9.5# MUD LADEN FLUID, POOH TO 3980'.
2. M&P 20sx CL C CMT PLUG FROM TO 4080-3980', M&P 9.5# MUD LADEN FLUID, POOH TO 3658'.
3. M&P 20sx CL C CMT PLUG FROM TO 3758-3658', M&P 9.5# MUD LADEN FLUID, POOH TO 3030'.
4. PERF 2 SQZ HOLES @ 3130', EIR, M&P 35sx CL C CMT FROM 3130-3030', POOH. M&P 9.5# MUD LADEN FLUID, POOH TO 2630'.
5. PERF 2 SQZ HOLES @ 2730', EIR, M&P 35sx CL C CMT FROM 2730-2630', POOH. M&P 9.5# MUD LADEN FLUID, POOH TO 2485'.
6. PERF 2 SQZ HOLES @ 2585', EIR, M&P 35sx CL C CMT FROM 2585-2485', POOH. M&P 9.5# MUD LADEN FLUID, POOH TO 1405'.
7. PERF 2 SQZ HOLES @ 1505', EIR, M&P 35sx CL C CMT FROM 1505-1405', POOH. M&P 9.5# MUD LADEN FLUID, POOH TO 279'.
8. PERF 2 SQZ HOLES @ 379', EIR, M&P 80sx CL C CMT, CIRC CMT TO SURFACE, SPOT CMT IN 5-1/2" CSG TO 279', POOH. M&P 9.5# MUD LADEN FLUID, POOH.
9. M&P 10sx CL C CMT SURFACE PLUG. NDBOP, CUT-OFF CSG 3' BELOW GROUND LEVEL, RDP, INSTALL DRY-HOLE MARKER, CLEAN LOC & BACKFILL W/O PIT.

Submit 3 Copies To Appropriate District Office
 District I
 1625 N. French Dr., Hobbs, NM 88240
 District II
 1301 W. Grand Ave., Artesia, NM 88210
 District III
 1000 Rio Brazos Rd., Aztec, NM 87410
 District IV
 1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
 Energy, Minerals and Natural Resources

Form C-103
 May 27, 2004

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

WELL API NO. 30-025-01345
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. B-5310
7. Lease Name or Unit Agreement Name State CD CB 1
8. Well Number 3
9. OGRID Number 013837
10. Pool name or Wildcat Maljamar GB 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
Mack Energy Corporation

3. Address of Operator
PO Box 960 Artesa NM 88211-0960

4. Well Location
 Unit Letter G : 2310 feet from the North line and 2310 feet from the East line
 Section 32 Township 17S Range 33E NMPM County Lea

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

Pit or Below-grade Tank Application or Closure

Pit type Plugging Depth to Groundwater 150' Distance from nearest fresh water well 1000' Distance from nearest surface water 1000'

Pit Liner Thickness: ml Below-Grade Tank: Volume bbbs Construction Material

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

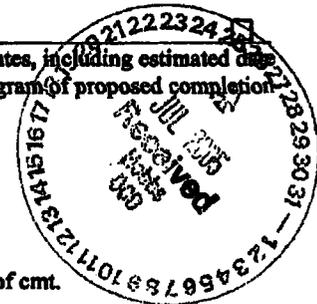
NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	P AND A <input checked="" type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPL <input type="checkbox"/>	CASING/CEMENT JOB <input type="checkbox"/>	

OTHER:

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.

- 7/5/05 Set 4-1/2" CIBP @ 4245', cap w/ 35' cmt. w/ bailer.
- 7/5/05 Circ. hole w/ MLF.
- 7/5/05 Perf 4-holes @ 2585', set pkr. @ 2232', sqz. 35 sx. cmt.
- 7/6/05 Tag plug @ 2390'.
- 7/6/05 Perf 4-holes @ 1350', sqz. 35 sx. cmt., tag plug @ 1198'.
- 7/6/05 Perf 4-holes @ 379', pump 100 sx. cmt. down 4-1/2" csg. to surf out of 8-5/8" csg., leave 4-1/2" full of cmt.
- 7/7/05 RDMO. Cut off wellhead & anchors, install dry hole marker, and clean location.



RECEIVED

Approved as to plugging of the Well Bore 202005
 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. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOCGD guidelines , a general permit or an (attached) alternative OCD-approved plan .

SIGNATURE Roger Massey TITLE Agent DATE 7/15/05

Type or print name Roger Massey E-mail address: _____ Telephone No. (432) 530-0907
 For State Use Only OC FIELD REPRESENTATIVE II/STAFF MANAGER

APPROVED BY: Harry W. Wink TITLE _____ DATE JUL 29 2005
 Conditions of Approval (if any): _____

Submit 3 Copies To Appropriate District Office
District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Ave., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
May 27, 2004

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

WELL API NO. 30-025-01345
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. B-5510
7. Lease Name or Unit Agreement Name State CD (CB-1)
8. Well Number 3
9. OGRID Number 013837
10. Pool name or Wildcat Maljamar GB 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
Mack Energy Corporation

3. Address of Operator
P. O. Box 960 Artesia, NM 88211-0960

4. Well Location
Unit Letter G 2310 feet from the North line and 2310 feet from the East line
Section 32 Township 17S Range 33E NMPM County Lea

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

Pit or Below-grade Tank Application or Closure

Pit type Plugging Depth Groundwater 150' Distance from nearest fresh water well 1000' Distance from nearest surface water 1000'

Pit Liner Thickness: 12 mil Below-Grade Tank: Volume _____ bbls; Construction Material _____

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

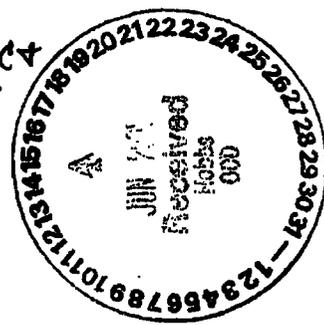
NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>
PLUG AND ABANDON <input checked="" type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>
CHANGE PLANS <input type="checkbox"/>	P AND A <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	CASING/CEMENT JOB <input type="checkbox"/>
MULTIPLE COMPL <input type="checkbox"/>	OTHER: <input type="checkbox"/>

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.

1. Notify OCD 24 hours prior to starting plugging operations.
2. Set CIBP @ 4245' w/35' cement cap 100' above perfs and circ hole with mud.
3. Perf @ 1350' squeeze 35 sx 50' above top of salt. WOC + TAG
4. Perf @ 329' squeeze 50' above and below 8 5/8" casing shoe. WOC and tag.
5. Set 10 sx surface plug.
6. Install dry hole marker.

→ PERF @ 2585 SQZ. + BRING TOC TO 2485 WOC + TAG
THE OIL CONSERVATION DIVISION MUST BE NOTIFIED 24 HOURS PRIOR TO THE BEGINNING OF PLUGGING OPERATIONS. (B.D.S.)

(WITHIN 1 MILE OF XTO SEMBPU)



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 Jerry W. Sherrell TITLE Production Clerk DATE 6/13/2005

Type or print name Jerry W. Sherrell E-mail address: jerrys@mackenergycorp.com Telephone No. (505)748-1288

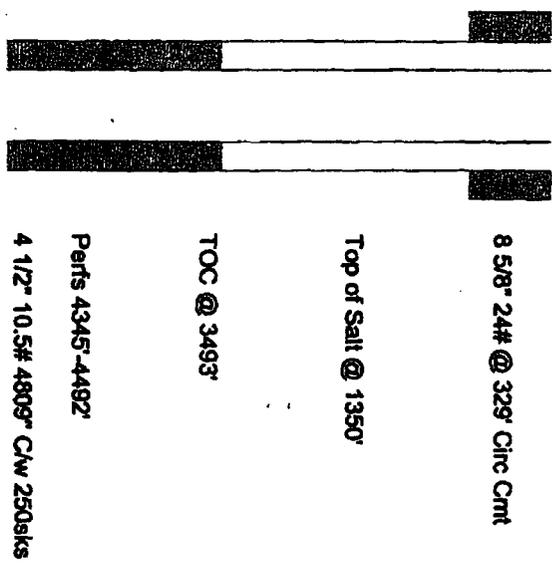
APPROVED BY: Harry W. Wink TITLE FIELD REPRESENTATIVE II/STAFF MANAGER
Conditions of Approval (if any): _____

JUN 13 2005

MACK ENERGY CORPORATION
STATE CD #3
Sec 32 T17S R33E 2310FNL 2310FEL

(B I)

BEFORE



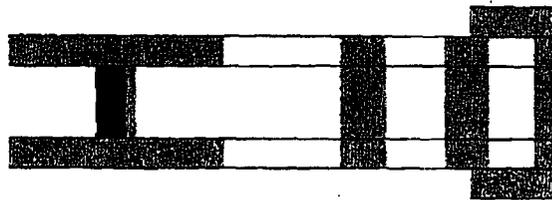
8 5/8" 24# @ 329' Circ Cmt

Top of Salt @ 1350'

TOC @ 3493'

Perfs 4345'-4492'

4 1/2" 10.5# 4809" CW 250sks



8 5/8" 24# @ 329' Circ Cmt

Perf @ 329' squeeze cmt
50' above and below 8 5/8" shoe

Perf @ 1350' squeeze cmt
50' above and below TOS

TOC @ 3493'

CIBP @ 4245' w/35' Cmt cap
Perfs 4345'-4492'

4 1/2" 10.5# 4809" CW 250sks



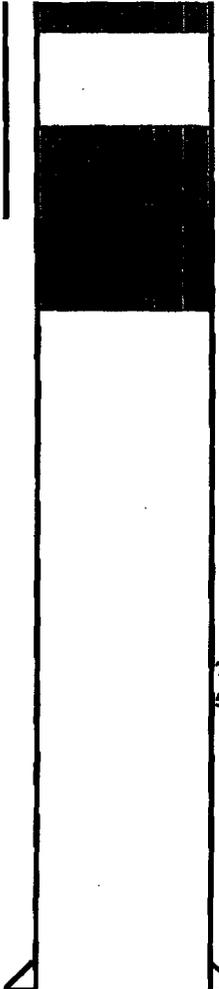
WELLBORE DIAGRAM

LEASE:	STATE CB	WELL:	1	FIELD:	MALJAMAR:GRAYBURG-SA	API:	30-025-01347
LOC:	COCKBURN STATE	SEC:	32	BLK:		REF NO:	
TWN	660' FNL & 660' FWL	GL:		CTY/ST	LEA NEW MEXICO	SPUD:	4/27/1965
RNG	17S	KB:		DF:		TD DATE:	
	33E					COMP DATE:	

THIS WELL WAS DRILLED AS COCKBURN
 STATE #2 BY BARRY COCKBURN & PA'D
 CITIES SERV P&A 1980
 MUD TO SURF

CITIES SERVICE 1980
 RIH TAGGED METAL @1556'
 DRLD TO 1575' - COULD GET
 ANY DEEPER
 WIH W/IMP BLK, GOOD
 MILLED TO 1650'
 RAN GR/CCL 1662-SURF
 7" CSG STUB 1622' &
 8 5/8" CSG SHOE @1262'
 PMPD 200 SXS CL C
 1675-1284' TAGGED @1313'
 PMPD 200 SXS CL C 1313-956'
 TAGGED @1020'
 30' TO SURF W/10 SXS
 INSTALLED 4" DRY MARKER

10 SX CMT PLUG 30' TO SU



1944 BARNEY COCKBURN DRLD TO 4473'
 8" SURF CSG TOP OF SALT TO 1281', CMTD W/!
 200 SXS 1313-956' TAGGED 1020'
 1281'

1980 CITIES SVC CO
 PLUGGED WELL WITH NO
 PREVIOUS PLUGGING INFORMATION

CMT PLUG F/1675'1284' TOP 1313'

7" CSG TO 4028', SMTD W/100 SX
 50 SXS MUD AHEAD, CIRC

PBTD:

TD: 4473

7" CSG 4028

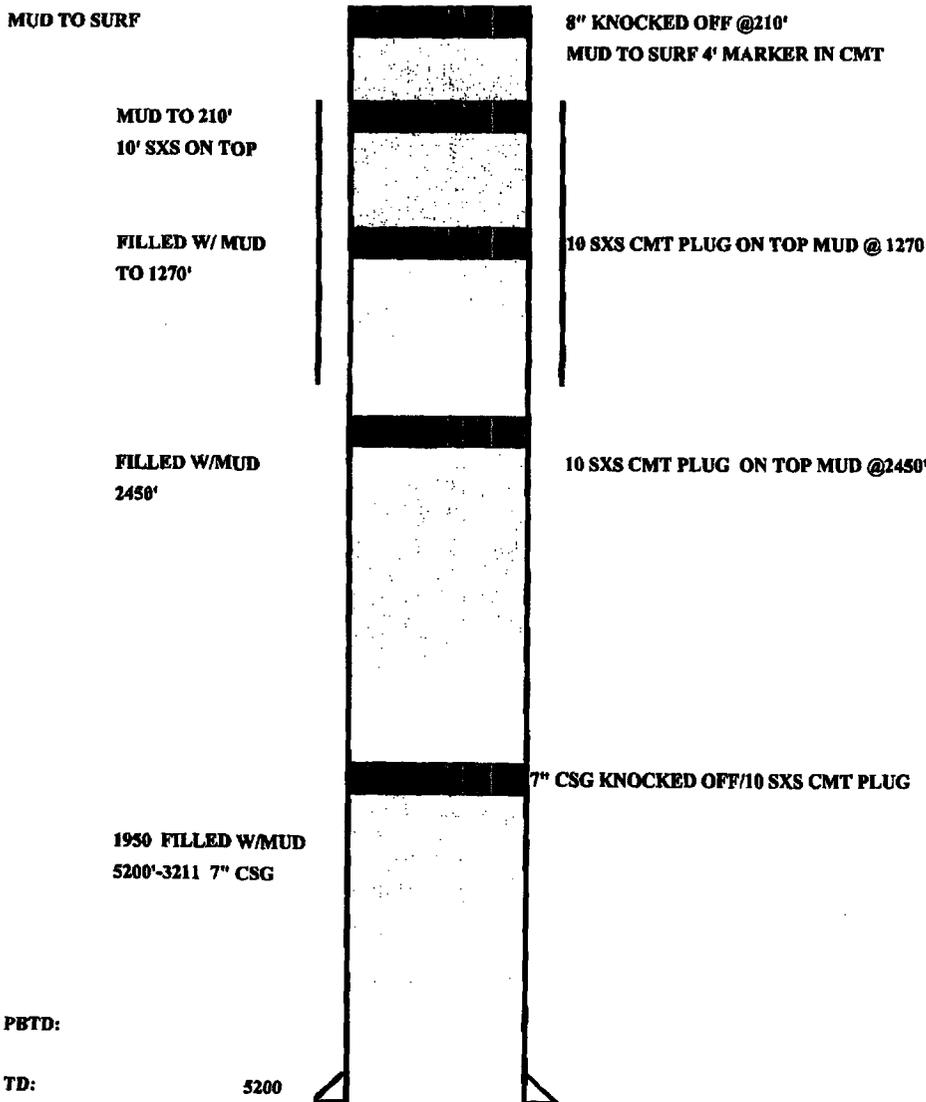
BY: LYN MARR
 8/24/2006



WELLBORE DIAGRAM

LEASE:	STATE CB COCKBURN STATE	WELL:	2	FIELD:	MALJAMAR:GRAYBURG-SA	API:	30-025-01348
LOC:	660' FNL & 19880' FWL	SEC:	32	BLK:		REF NO:	
TWN	17S	GL:		CTY/ST	LEA NEW MEXICO	SPUD:	4/27/1905
RNG	33E	KB:		DF:		TD DATE:	
						COMP DATE:	

THIS WELL WAS DRILLED AS COCKBURN STATE #2 BY BARRY COCKBURN & PA'D CITIES SERV P&A 1980 MUD TO SURF



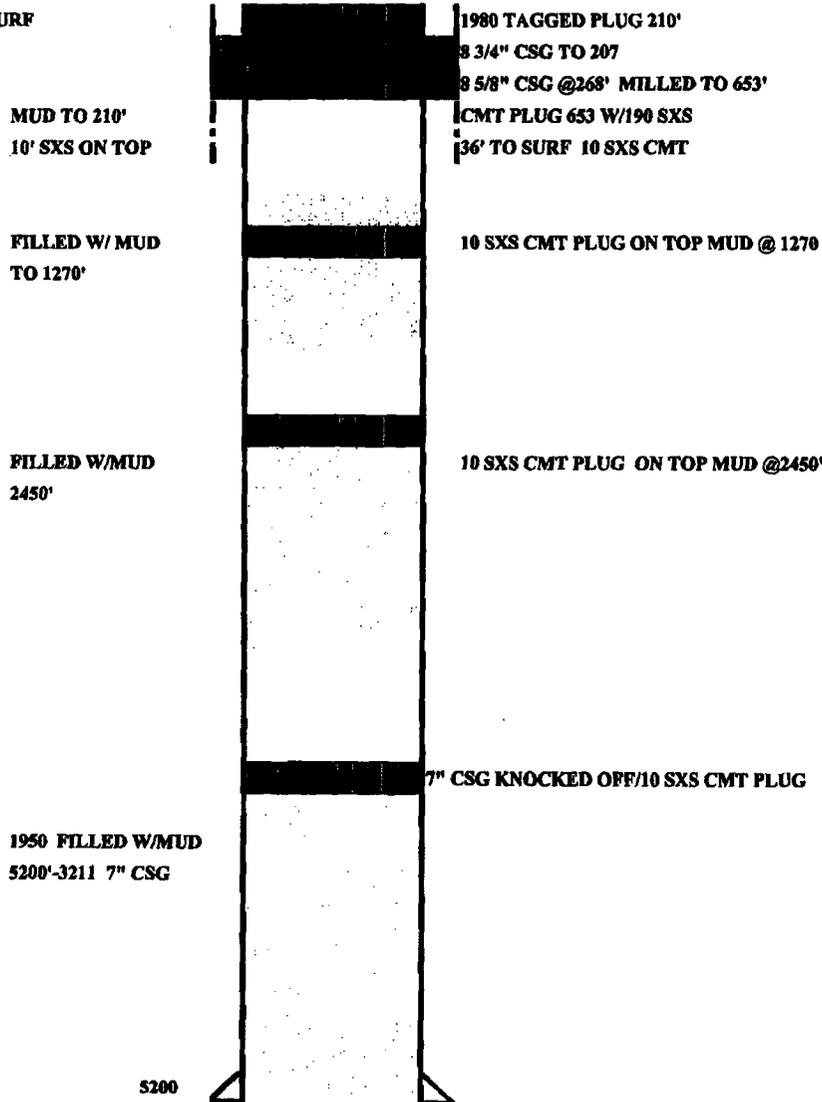
BY: LYN MARR
8/24/2006



WELLBORE DIAGRAM

LEASE:	STATE CB	WELL:	2	FIELD:	MALJAMAR:GRAYBURG-SA	API:	30-025-01348
LOC:	COCKBURN STATE	SEC:	32	BLK:		REF NO:	
TWN:	660' FNL & 19880' FWL	GL:		CTY/ST:	LEA NEW MEXICO	SPUD:	4/27/1905
RNG:	17S	KB:		DF:		TD DATE:	
	33E					COMP DATE:	

THIS WELL WAS DRILLED AS COCKBURN STATE #2 BY BARRY COCKBURN & PA'D CITIES SERV P&A 1980 MUD TO SURF



NOTE: 1980 CITIES SVC

REPLUGGED WELL
 1980 TAGGED PLUG @210'
 WIH W 8 3/4" CSG, SET @207
 CMTD W/ 175 SXS CL C W/2% CACL,
 DID NOT CIRC.
 DISP CMT TO 185', 22' INSIDE CSG
 TC IN ANN 23' F/SURF
 RIH TAG CMT INSIDE 7" @176'
 PRESS TSTD TO 1000#, OK
 D/O CMT TO 605'
 TAG'D TOP OF 8 5/8" CSG 268'
 MILLED AND C/O TO 653'
 NMOCD APRVD PLUG
 CMTD THRU TBG W/190 SXS CL C
 10 SXS TO PIT, TAGGED PLUG @36'
 10 SXS CMT PLUG TO SURF.

BY: LYN MARR
 8/24/2006

01347

Form C-103
Supersedes Old
C-102 and C-103
Effective 1-1-85

NEW MEXICO OIL CONSERVATION COMMISSION

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LAND OFFICE	
OPERATOR	

5a. Indicate Type of Lease
State Fee

5. State Oil & Gas Lease No.

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. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER- Plugged well	7. Unit Agreement Name
2. Name of Operator Cities Service Company (Barney Cockburn)	8. Farm or Lease Name COCKBURN STATE
3. Address of Operator Box 1919 Midland, TX 79702	9. Well No. 1
4. Location of Well UNIT LETTER D , 660 FEET FROM THE North LINE AND 660 FEET FROM THE West LINE, SECTION 32 TOWNSHIP 17S RANGE 33E N.M.P.M.	10. Field and Pool, or Wildcat Maljamar-GBSA
15. Elevation (Show whether DF, RT, GR, etc.)	12. County Lea

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

NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>
OTHER <input type="checkbox"/>	CASING TEST AND CEMENT JOBS <input type="checkbox"/>
	PLUG AND ABANDONMENT <input type="checkbox"/>
	OTHER <input checked="" type="checkbox"/> Re-enter & re-plug

17. 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.

T.D. 4473'.

SEE ATTACHMENT:

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

SIGNED *[Signature]* TITLE Region Oper. Mgr. DATE 3/18/80

APPROVED BY *[Signature]* TITLE OIL & GAS INSPECTOR DATE JUL 15 1980

CONDITIONS OF APPROVAL, IF ANY:

ATTACHMENT for COCKBURN STATE #1, form C-103, dated 3/18/80.

The Cockburn State A #1 was drilled in 1945, & operated by Barney Cockburn. We have no plugging information on this well. The NMOCD has recently ruled that several wells in this vicinity, including this well, are not properly plugged for the purpose of water injection. Since the NMOCD is now requiring anyone who is injecting water within ½ mile of these wells to replug the well bore, the responsibility rests with the Southeast Maljamar Grayburg-San Andres Unit.

RIH w/4 -3/4" RB. Tagged metal @ 1566'. Circ. & drilled 9' to 1575'. Could get no deeper. RIH w/ 7-1/8" lead impression block on 2-7/8" EUE tbg. Tagged @ 1566'. Got good impression of 2-3/8" EUE tbg. body looking up. RIH w/ 5-3/4" O.S. w/oversize guide, 3-3/4" jars, 4 3½" DC's on 2-7/8" EUE tbg. POOH w/overshot.

Milled 15' to 1581'. RIH w/mule shoe tbg sub on 2-7/8" EUE tbg to 1650' without touching anything. Ran GR-CCL from 1662' to surface. Shows 7" csg stub at 1622' & 8-5/8" csg shoe at 1262'. Mixed & pumped 200 sx Class C & displaced 1675 - 1284'.

Tagged cmt plug at 1313'. Mixed & pumped 200 sx Class C & displaced 1313 - 956'. Tagged cmt plug at 1020'. Circ hole w/mud laden fluid. Displaced 10 sx cmt plug 30' to surface. Installed 4" dry hole marker. Mason Clegg w/NMOCD witnessed job.

FORM C-103

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

MISCELLANEOUS REPORTS ON WELL

Submit this report in triplicate to the Oil Conservation Commission or its proper agent within ten days after the work specified is completed. It should be signed and sworn to before a notary public for reports on beginning drilling operations, results of shooting well, results of test of casing shut-offs, result of plugging of well, and other important operations, even though the work was witnessed by an agent of the commission. Reports on minor operations need not be signed and sworn to before a notary public. See additional instructions in the Rules and Regulations of the Commission.

Indicate nature of report by checking below:

REPORT ON BEGINNING DRILLING OPERATIONS		REPORT ON REPAIRING WELL	
REPORT ON RESULT OF SHOOTING OR CHEMICAL TREATMENT OF WELL		REPORT ON PULLING OR OTHERWISE ALTERING CASING	
REPORT ON RESULT OF TEST OF CASING SHUT-OFF	X	REPORT ON DEEPENING WELL	
REPORT ON RESULT OF PLUGGING OF WELL			

Artesia, New Mexico February 15, 1944
Place Date

OIL CONSERVATION COMMISSION
Santa Fe, New Mexico.

Gentlemen:

Following is a report on the work done and the results obtained under the heading noted above at the

Barney Cockburn Cockburn-State Well No. 1 in the
Company or Operator Lease
NW 1/4 of Sec. 32, T. 17S, R. 33E, N. M. P. M.,
East Maljamar Field, Lea County

The dates of this work were as follows: February 12, 1944

Notice of intention to do the work was (~~was~~) submitted on Form C-102 on January 31, 1944 and approval of the proposed plan was (~~was~~) obtained. (Cross out incorrect words.)

DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

We run 1281 feet of 8" surface casing at the top of the salt and cemented with 50 sacks of cement, International Cementers going the work. The cement was allowed to set the sufficient length of time before drilling the plug. After moving in the cable tools and drilling the plug a test was made for the water shut-off, which was found to be a complete shut-off. Drilling is being continued.

Witnessed by Barney Cockburn Owner
Name Company Title

Subscribed and sworn to before me this

15th day of February, 1944

Velma F. Matthews
Notary Public

I hereby swear or affirm that the information given above is true and correct.

Name Barney Cockburn

Position Owner

Representing Same
Company or Operator

My Commission expires February 25, 1947.

Address Box 115, Artesia, New Mexico

Remarks:

Barney Cockburn
OIL & GAS ENGINEER
Name

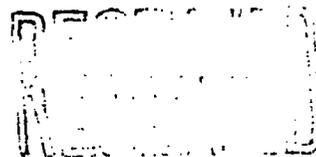
Owner
Title

Form C-102

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

MISCELLANEOUS NOTICES



Submit this notice in triplicate to the Oil Conservation Commission or its proper agent before the work specified is to begin. A copy will be returned to the sender on which will be given the approval, with any modifications considered advisable, or the rejection by the Commission or its agent, of the plan submitted. The plan as approved should be followed, and work should not begin until approval is obtained. See additional instructions in the Rules and Regulations of the Commission.

Indicate nature of notice by checking below:

Table with 4 rows and 2 columns for selecting notice types: SHUT-OFF, CHANGE PLANS, REPAIR WELL, DEEPEN WELL, SHOOT OR CHEMICALLY TREAT WELL, PULL OR OTHERWISE ALTER CASING, PLUG WELL.

Artesia, New Mexico

March 13, 1944

OIL CONSERVATION COMMISSION, Santa Fe, New Mexico.

Gentlemen:

Following is a notice of intention to do certain work as described below at the Barney Cockburn, Cockburn-State, Well No. 1 in NW 1/4 of Sec. 32, T. 17S, R. 35E, N. M. P. M., East Maljamar, Lea County.

FULL DETAILS OF PROPOSED PLAN OF WORK

FOLLOW INSTRUCTIONS IN THE RULES AND REGULATIONS OF THE COMMISSION

On March 12, 1944 we run 4028' of 7" O.D. Casing on the above well, cementing same with 100 sacks of cement, 50 sacks of mud used ahead circulated. International Cementers doing the work. We will allow the cement to set 72 hours and test for the water shut-off. After the test has been made we will forward the results of same.

Approved MAR 16 1944, 19 except as follows:

Barney Cockburn, Company or Operator, Position owner, Send communications regarding well to

OIL CONSERVATION COMMISSION, By Roy G. Yankovich, Title OIL & GAS INSPECTOR

Name Barney Cockburn, Address Box 115, Artesia, New Mexico.

01348

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LAND OFFICE	
OPERATOR	

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-103
Supersedes Old
C-102 and C-103
Effective 1-1-65

5a. Indicate Type of Lease	
State <input checked="" type="checkbox"/>	Fee <input type="checkbox"/>
3. State Oil & Gas Lease No.	
7. Unit Agreement Name	
8. Farm or Lease Name	
9. Well No.	
10. Field and Pool, or Wildcat	
12. County	

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. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> PLUGGED WELL
2. Name of Operator CITIES SERVICE COMPANY (<i>Barney Cockburn</i>)
3. Address of Operator P. O. BOX 1919, MIDLAND, TEXAS 79702
4. Location of Well UNIT LETTER C 660 FEET FROM THE NORTH LINE AND 1980 FEET FROM THE WEST LINE, SECTION 32 TOWNSHIP 17-S RANGE 33-E N.M.P.M.
15. Elevation (Show whether DF, RT, GR, etc.)

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	OTHER <input type="checkbox"/>	CASING TEST AND CEMENT JOB <input type="checkbox"/>	OTHER Re-enter & Replug <input checked="" type="checkbox"/>

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1703.

The Cockburn State A #2 was drld in 1944 & operated by Barney Cockburn & was plugged & abandoned. The NMOCD has recently ruled that sereral wells in this vicinity, including this well, are not properly plugged for the purpose of water injection. Since the NMOCD is now requiring anyone who is injecting water within one-half mile of these wells to replug the well bore the responsibility rests with the Southeast Maljamar Grayburg San Andres Unit. Moved in work string. RIH w/6-1/4" RB. Tagged plug at 210'. Prep to CO to TD. RIH w/8-3/4" RB & 4 - 3-1/2" DCs on 2-7/8" EUE tbg. Tagged at 210'. RIH w/7" OD surface casing as follows:

1 - 7" OD Halco Texas Pattern Shoe	1.62
5 - jts 7" OD 23# K55 8rd LT&C B Grade csg	205.97
Tally	206.59
KBM	0
Set at	206.59

Cmtd w/175 sx Class C w/2% CaCl. Cement did not circ. Displ cmt to 185' leaving 22' inside casing. TC in annulus 23' fr surface. Fin filling 7" x open hole annulus w/cmt to btm of clr. Cut off csg and welded on 7" slip clr. RIH w/6-1/4" RB & 4 - 3-1/2" DCs on 2-7/8" EUE work string. Tagged cmt inside 7" at 176'. Press tstd 7" & BOP to 1000# - OK. Drld hrd cmt 176-191'. Drld rubber plug 191-192' (1' in 10 hrs). POOH w/RB. RIH w/6-1/8" blade bit, 4 - 3-1/2" DCs on 3 jts 2-7/8" EUE tbg. Drld rubber plug to 195'. Drld hrd cmt to 213'. Drld cmt 213'-269'. Picked up and drld and wrkd dwn to 280'. Drld at 432'. SEE ATTACHMENT

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

SIGNED *E. Mueller* TITLE REGION OPERATION MANAGER DATE 4-18-80

APPROVED BY *Eddie S...* TITLE OIL & GAS INSPECTOR DATE JUL 15 1980

CONDITIONS OF APPROVAL, IF ANY:

COCKBURN STATE #2

Drl'd & pushed plug to 432' in 10 hrs. CHC & pu into csg. RIH w/drlg assembly & tagged at 432'. Drl'd & pushed to 570'. Rec wood, pea gravel & redbed. Drlg at 570'. Made trip & RIH on same drlg assembly. Drl'd & pushed to 605'. Bit quit going. RIH w/5-3/4" x 6" CR shoe, 15' of 5-3/4" wash pipe and 6 - 3-1/2" DCs on 2-7/8" EUE tbg. Tagged top of 8-5/8" csg stub at 268'. Could not get into stub. RIH w/6-1/4" tapered mill to dress off top of stub. Milled 2 mins and fell free. RIH to 300'. POOH. RIH w/5-3/4" x 6" CR shoe w/4" extension & 6 - 3-1/2" DCs on 2-7/8" EUE tbg. Milled 1 hr 604-608'. Milled on junk 608'611'. POOH. RIH w/6" flat bottom mill and 6 - 3-1/2" DCs on 2-3/8" EUE tbg. SION. RIH w/6-1/4" FB mill & 6 - 3-1/2" DCs on 2-7/8" EUE tbg. Milled on junk 611-615'(4'). POOH w/mill. RIH w/4-3/4" RB & 6 - 3-1/2" DCs on 2-7/8" EUE tbg, drld 165-646'. CO at 815'. Drl'd & washed 646-815'. SI tagged red bed fill at 675'. CO 675-725' w/4-3/4" RB & 6 - 3-1/2" DCs on 2-7/8" EUE tbg. SD to clean reverse tank. Mixed 140 bbls Baroid L0-Loss & added 50 bbls lease oil to 10#/gal BW. RIH. Tagged at 723'. Drl'd & CO 723-728'. SD hi wind. RIH w/4-3/4" RB & 6 - 3-1/2" DCs on 2-7/8" EUE tbg. Drl'd 728-755' w/bit. Hole caving badly. POOH. Ran back w/ 6-1/4" RB on same assembly. CO 616-646'. Drl'd Red Bed w/bit torquing & dragging 616-646' in 2 hrs. POOH w/6-1/4" RB. RIH w/cutrite dressed 6-1/4" concave btm mill & 6 - 3-1/2" DC's on 2-7/8" EUE tbg. Drl'd & milled 616-648' going conventional w/full circ. Not losing any fluid since mudding up. SD. CO Red Bed fill 648-653'. (Jerry Sexton w/NMOCD approved plugging well. RIH w/2-7/8" EUE tbg open ended. Cmt'd thru tbg w/190 sx Class "C" cmt. Cmt circ 10 sx to pit. RIH w/2-7/8" EUE tbg OE'd. Tagged cmt plug at 36'. Mixed 10 sx cmt plug & circ cmt to surface. Inst 4" dry hole marker. Job witnessed by Mason Clegg NMOCD.

Form C-102

DUPLICATE

OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

MISCELLANEOUS REPORTS ON WELLS

RECEIVED
SEP 5 - 1950
COMMISSION OF CONSERVATION
OFFICE

Submit this report in triplicate to the Oil Conservation Commission or its proper agent within ten days after the work specified is completed. It should be signed and sworn to before a notary public for reports on beginning drilling operations, results of shooting well, results of test of casing shut off, result of plugging of well, and other important operations, even though the work was witnessed by an agent of the Commission. Reports on minor operations need not be signed and sworn to before a notary public. See additional instructions in the Rules and Regulations of the Commission. Indicate nature of report by checking below.

REPORT ON BEGINNING DRILLING OPERATIONS		REPORT ON REPAIRING WELL	
REPORT ON RESULT OF SHOOTING OR CHEMICAL TREATMENT OF WELL		REPORT ON PULLING OR OTHERWISE ALTERING CASING	
REPORT ON RESULT OF TEST OF CASING SHUT-OFF		REPORT ON DEEPENING WELL	
REPORT ON RESULT OF PLUGGING OF WELL	X		

September 1, 1950

Artesia, New Mexico

Date

Place

OIL CONSERVATION COMMISSION,
SANTA FE, NEW MEXICO

Gentlemen:

Following is a report on the work done and the results obtained under the heading noted above at the Barney Cookburn Cookburn-State Well No. 2 in the

East Maljamar Company or Operator, East Maljamar Lease, 171 of Sec. 32, T. 17N, R. 33E, N. M. P. M., Maljamar Field, Maljamar County.

The dates of this work were as follows: _____
Notice of intention to do the work was (~~submitted~~) submitted on Form C-102 on August 27, 1950 and approval of the proposed plan was (~~obtained~~) obtained. (Cross out incorrect words.)

DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

Well was filled with mud from 5200' T.D. to 3211' where 7" casing was knocked off and cement plug (10 sacks) was set; filled with mud to 2450' and plugged with 10 sacks; filled with mud to 1270' and plugged with 10 sacks cement; filled with mud to 210' where 8" was knocked off and cemented with 10 sacks; filled with mud to surface and regulation 4' marker set in cement. Location was cleaned up.

Witnessed by Barney Cookburn Name Barney Cookburn Company _____ Title Owner

Subscribed and sworn before me this 1st day of September 1950
Ona Mae Hyman Notary Public
I hereby swear or affirm that the information given above is true and correct.
Name C. J. Barnes
Position Agent
Representing Barney Cookburn Company or Operator

My commission expires April 15, 1952 Address Box 105, Artesia, New Mexico

Remarks:

PROVED
SEP 5 - 1950
Date _____

W. J. ... Name _____
Oil & Gas Inspector Title

XTO ENERGY

WELLS IN AREA OF REVIEW

WELL NAME	API	WELL TYPE	CSG DEPTH	HOLE	CSG	CMT	TOP CMT	TOC BY	DV	DATE DRLD	LOC	FOOTAGE	COMP REC.
SEMGSAU 708*	3.003E+09	Oil	4316	7.875	5.5	435	2540	TS		3/73 - 4/73	29-17S-33E	100 FSL 2590 FWL	4316 TA
SEMGSAU 708*			819	12.25	8.625	500	Surf	CS					
SEMGSAU 507	3.003E+09	Oil	3888	7.875	5.5	800	1400	TS		12/79 - 3/80	29-17S-33E	2615 FNL 2615 FEL	4380 TA
SEMGSAU 507			1300	12.25	8.625	660	Surf	CS					
SEMGSAU 602	3.003E+09	Oil	4060	8.25	7	100	2790	Calc		4/43 - 7/43	29-17S-33E	660 FSL 1980 FWL	4319 P&A
SEMGSAU 602			1300	10	8	25	1132	Calc					
SEMGSAU 603	3.003E+09	Oil	3950	8.875	7	75	3340	Calc		8/43 - 11/43	29-17S-33E	1980 FSL 1980 FWL	4300 P&A
SEMGSAU 603			1265	12.5	8.625	100	969	Calc					
SEMGSAU 604	3.003E+09	Wtr Inj	3963	8.875	7	75	3353	Calc		9/43 - 12/43	29-17S-33E	660 FSL 660 FWL	4302 A
SEMGSAU 604			1260	10.875	8.625	50	984	Calc	1400'	8/47 - 11/47	29-17S-33E	1335 FSL 1335 FWL	4276 P&A
SEMGSAU 605	3.003E+09	Oil	4035	8.75	7	240	1928	Calc		8/80 - 10/80	29-17S-33E	1455 FSL 1330 FWL	4360 A
SEMGSAU 605			20	12.25	10	15	Surf	Calc					
SEMGSAU 607	3.003E+09	Oil	3900	7.875	5.5	800	2735	TS					
SEMGSAU 607			1302	12.25	8.625	660	Surf	CS					
SEMGSAU 608	3.003E+09	Oil	4550	7.875	5.5	1170	Surf	CS		11/91 - 1/92	29-17S-33E	123 FSL 1345 FWL	4550 A
SEMGSAU 608			309	12.25	8.625	250	Surf	CS					
SEMGSAU 610	3.003E+09	Wtr Inj	4397	7.875	5.5	900	300	TS		4/95 - 5/95	29-17S-33E	1310 FSL 750 FWL	4397 A
SEMGSAU 610			348	12.25	8.625	250	Surf	CS					
SEMGSAU 612	3.003E+09	Oil	4473	7.875	5.5	1000	380	TS		5/95 - 6/95	29-17S-33E	710 FSL 1425 FWL	4473 A
SEMGSAU 612			333	12.25	8.625	250	Surf	CS					
SEMGSAU 613	3.003E+09	Oil	4324	7.875	5.5	850	Surf	CS		4/96 - 6/96	29-17S-33E	1930 FSL 1516 FWL	4325 A
SEMGSAU 613			394	12.25	8.625	250	Surf	CS					
SEMGSAU 614	3.003E+09	Wtr Inj	4390	7.875	5.5	850	Surf	CS		4/96 - 6/96	29-17S-33E	1070 FSL 1888 FWL	4395 A
SEMGSAU 614			357	12.25	8.625	250	Surf	CS					
SEMGSAU 615	3.003E+09	Oil	4400	7.875	5.5	950	374	TS		11/96 - 12/96	29-17S-33E	1900 FSL 2630 FWL	4400 A
SEMGSAU 615			418	12.25	8.625	275	Surf	CS					
SEMGSAU 616	3.003E+09	Oil	4358	7.875	5.5	950	Surf	CS		3/97 - 5/97	29-17S-33E	775 FSL 2590 FWL	4359 A
SEMGSAU 616			394	12.25	8.625	250	Surf	CS					

OK
OK
OK

XTO ENERGY

WELLS IN AREA OF REVIEW

WELL NAME	API	WELL TYPE	CSG DEPTH	HOLE CSG	CMT	TOP CMT	TOC BY	DV	DATE DRLD	LOC	FOOTAGE	COMP REC.
SEMGSAU 701	3.003B+09	Wtr Inj	4032	8.25 7	300	223	Calc		11/43 - 3/44	29-17S-33E	660 FSL 1980 FEL	4327 A
SEMGSAU 701			1286	12 10.75	500	Surf	Calc					
SEMGSAU 702	3.003E+09	Wtr Inj	4050	8.25 7	300	241	Calc		12/43 - 3/44	29-17S-33E	1980 FSL 1980 FEL	4400 A
SEMGSAU 702			1246	9.675 8.625	400	Surf	Calc					
SEMGSAU 703	3.003E+09	Wtr Inj	4290	7.875 5.5	300	3000	TS		12/52 - 2/53	29-17S-33E	660 FSL 990 FEL	4340 PA
SEMGSAU 703			1260	11 8.625	550	Surf	CS					
SEMGSAU 704	3.003E+09	Oil	4246	7.875 5.5	800	1800	TS		10/54 - 11/54	29-17S-33E	1650 FSL 990 FEL	4360 TA
SEMGSAU 704			297	11 8.625	300	Surf	CS					
SEMGSAU 705	3.003E+09	Oil	4448	7.875 5.5	355	2360	TS		11/71 - 12/71	29-17S-33E	1395 FSL 2615 FEL	4450 A
SEMGSAU 705			369	12.25 8.625	300	Surf	CS					
SEMGSAU 706	3.003E+09	Oil	4350	7.875 5.5	435	2420	TS		8/72 - 8/72	29-17S-33E	1155 FSL 1385 FSL	4350 A
SEMGSAU 706			354	11 8.625	200	Surf	CS					
SEMGSAU 707	3.003E+09	D&A	4429	7.875 5.5	435	1740	TS		11/72 - 3/73	29-17S-33E	100 FSL 1430 FEL	4430 D&A
SEMGSAU 707			810	11 8.625	350	Surf	CS					
SEMGSAU 709	3.003E+09	Oil	3950	7.875 5.5	1000	Surf	CS		9/81 - 12/81	29-17S-33E	2250 FSL 1225 FEL	4450 A
SEMGSAU 709			1314	12.25 8.625	735	Surf	CS					
SEMGSAU 709	3.003E+09	Wtr Inj	4394	7.875 5.5	850	Surf	CS		4/96 - 6/96	29-17S-33E	1165 FSL 2010 FEL	4400 A
SEMGSAU 710			404	12.25 8.625	250	Surf	CS					
SEMGSAU 711	3.003E+09	Oil	4404	7.875 5.5	800	2102	TS		10/96 - 12/96	29-17S-33E	1040 FSL 330 FEL	4405 A
SEMGSAU 711			407	12.25 8.625	275	Surf	CS					
SEMGSAU 712	3.003E+09	Oil	4499	7.875 5.5	850	1350	TS		11/96 - 1/97	29-17S-33E	330 FSL 330 FEL	4500 A
SEMGSAU 712			405	12.25 8.625	275	Surf	CS					
SEMGSAU 713	3.003E+09	Oil	4389	7.875 5.5	850	710	TS		3/97 - 5/97	29-17S-33E	1700 FSL 1400 FEL	4390 P&A
SEMGSAU 713			388	12.25 8.625	250	Surf	CS					
SEMGSAU 714	3.003E+09	Wtr Inj	4450	7.875 5.5	900	680	TS		3/97 - 5/97	29-17S-33E	1200 FSL 900 FEL	4450 A
SEMGSAU 714			383	12.25 8.625	250	Surf	CS					

Active not pld

OK

Go ins to PA

XTO ENERGY

WELLS IN AREA OF REVIEW

WELL NAME	API	WELL TYPE	CSG DEPTH	HOLE	CSG	CMT	TOP CMT	TOC BY	DV	DATE DRLD	LOC	FOOTAGE	COMP REC.
SEMGSAU 908	3.003E+09	Wr Inj	4417	7.875	5.5	900	Surf	CS		10/96 - 12/96	32-17S-33E	330 FNL 330 FEL	4450 A
SEMGSAU 908			415	12.25	8.625	275	Surf	CS					
SEMGSAU 909	3.003E+09	Oil	4540	7.875	5.5	725	Surf	CS		12/05 - 12/05	32-17S-33E	944 FNL 330 FEL	4420 A
SEMGSAU 909			1150	12.25	8.625	630	Surf	CS					
State 1	3.003E+09	D&A	4028	8.875	6.625	100	3334	Calc		1/44 - 12/44	32-17S-33E	660 FNL 660 FWL	4473 D&A
State 1			1281	10.875	8.625	50	1005	Calc					
State 2	3.003E+09	D&A	4652	8.875	7	50	4245	Calc		1/44 - 12/44	32-17S-33E	660 FNL 1980 FWL	5200 D&A
State 2			1276	10.875	8.625	50	1000	Calc					
State CB 1	3.003E+09	Oil	4810	7.875	4.5	250	3361	Calc		12/61 - 1/62	32-17S-33E	2310 FNL 2310 FEL	4810 P&A
State CB 1			329	12.25	8.625	250	Surf	Calc					
State CB 2	3.003E+09	Oil	8779	7.875	4.5	850	3445	TS		9/65 - 10/65	32-17S-33E	2310 FNL 1700 FEL	8780 P&A
State CB 2			2882	11.25	8.625	500	1970	TS					
State CB 2			333	17.5	13.375	250	Surf	CS					
* Well for which permit sought													

State CB # 1
 CD#3 State
 State CB# 2
 WMS STATE CD 003

OK ✓
 OK ✓