

State of New Mexico, County of Lea.

I, KATHI BEARDEN

Publisher

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

of1	
	weeks
Beginning with the issue	dated
June 23	2006
and ending with the issue	
June 23	2006

Publisher Sworn and subscribed to before

me this_ day of

June 2006 Notary Public.

My Commission expires February 07, 2009 (Seal)



OFFICIAL SEAL **DORA MONTZ** NOTARY PUBLIC STATE OF NEW MEXICO

My Commission Expires:

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

LEGAL NOTICE June 23, 2006

Notice of Application for Fluid Injection Well Permit

XTO Energy Inc., 200 N. Loraine, Ste 800, Midland, Texas, 79701 has applied to the OIL CONSERVATION DIVISION. for a permit to Inject water into the Southeast Maljamar Gas San Andres Unit, well number 708 in the Maljamar; Grayburg-San Andres field, in LEA County. The well is located 100' from the South line and 2590' from the East line of Unit O, Section 29, Township 17-S and Range 33-E and is at a total depth of 4316'. Fluid will be injected into strata in the subsurface depth interval from 3740-4430 feet. Estimated Max injection rate is 750 BWPD, and Max pressure of 850. the purpose of this injection is as a Water Injection well. XTO CONTACT RICHARD LAUDERDALE, 200 LORAINE STE. 800, MIDLAND, TX 79701, PHONE: 432-620-6736.

LEGAL AUTHORITY: Title 19, NATURAL RESOURCES & WILDLIFE, CHAPTER 15, OIL AND GAS, PART 9 SECON-DARY OR OTHER ENHANCED RECOVERY: PRESSURE MAINTENANCE, SALT, WATER DISPOSAL AND UNDER-GROUND STORAGE. (19.15.9/8-700)

Requests for a public hearing or objections from persons who can show they are adversely affected or requests for further information concerning any aspect of the application should be submitted in writing, within fifteen (15) days of publication, to the OIL CONSERVATION; DIVISION; 1220 ST. FRANCIS DR., SANTA FE, NM 87505

01102696000 67538659 XTO ENERGY INC.

200 LORAINE SUITE 800 MIDLAND, TX 79701

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



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 you consideration in this matter.

Sincerely,

M. Lvn Marr

Regulatory Analyst/New Mexico

432/620-6714



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Re:

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						_	Surface		8.625	12.250	369			SEMGSALI 705
Active	4450	1395 FWL 2615 FEL	29-17S-33E	11/71 - 12/71		-	2360		5.500	7.875	4448	O <u>il</u>	3002523890	SEMGSAU 705
						Circ to surf	Surface		8.625	11.000	297			SEMGSAU 704
TA'd	4360	1650 FSL 990 FEL	29-17S-33E	10/54 - 11/54		Temp surv	1800 1	800	5.500	7.875	4246	<u>o</u>	3002501550	SEMGSAU 704
						Circ to surf	Surface		8.625	11.000	1260			SEMGSAU 703
Abandoned	4340	660 FSL 990 FEL	29-17S-33E	12/52 - 2/53		Temp surv	3000	300	5.500	7.875	4290	Wtr Inj	3002501549	SEMGSAU 703
						Not available	Not available		8.625	9.675	1246			SEMGSAU 702
Active	4400	1980 FSL 1980 FEL	29-17S-33E	12/43 - 3/44		Not available	Not available		7.000	8.250	4050	Wtr Inj	3002508334	SEMGSAU 702
						Not available	Not available	500	10.750	12.000	1286			SEMGSAU 701
Active	4327	660 FSL 1980 FEL	29-17S-33E	11/43 - 3/44		Not available	Not available	300	7.000	8.250	4032	Wtr Inj	3002501548	SEMGSAU 701
						Circ to surf	Surface	250	8.625	12.250	394			SEMGSAU 616
Active	4359	775 FSL 2590 FWL	29-17S-33E	3/97 - 5/97		Circ to surf	Surface	950	5.500	7.875	4358	<u>Q</u>	3002533865	SEMGSAU 616
				L		Circ to surf	Surface		8.625	12.250	418			SEMGSAU 615
Active	4400	1900 FSL 2630 FWL	29-17S-33E	11/96 - 12/96		Temp surv	374		5.500	7.875	4400	<u></u>	3002533591	SEMGSAU 615
				1		Circ to surf	Surface		8.625	12.250	357			SEMGSAU 614
Active	4395	1070 FSL 1888 FWL	29-17S-33E	4/96 - 6/96		Circ to surf	Surface	850	5.500	7.875	4390	Wtr Inj	3002533337	SEMGSAU 614
						Circ to surf	Surface	250	8.625	12.250	394			SEMGSAU 613
Active	4325	1930 FSL 1516 FWL	29-17S-33E	4/96 - 6/96		Circ to surf	Surface		5.500	7.875	4324	Qi	3002533336	SEMGSAU 613
						Circ to surf	Surface	250	8.625	12.250	333			SEMGSAU 612
Active	4473	710 FSL 1425 FWL	29-17S-33E	5/95 - 6/95		Temp surv	380	1000	5.500	7.875	4473	<u>♀</u>	3002532890	SEMGSAU 612
						Circ to surf	Surface		8.625	12.250	348			SEMGSAU 610
Active	4397	1310 FSL 750 FWL	29-17S-33E	4/95 - 5/95		Temp surv	300	900	5.500	7.875	4397	Wtr Inj	3002532888	SEMGSAU 610
						Circ to surf	Surface	250	8.625	12.250	309			SEMGSAU 608
Active	4550	123 FSL 1345 FWL	29-17S-33E	11/91 - 1/92		Circ to surf	Surface	1170	5.500	7.875	4550	유	3002531471	SEMGSAU 608
						Circ to surf	Surface	660	8.625	12.250	1302			SEMGSAU 607
Active	4360	1455 FSL 1330 FWL	29-17S-33E	8/80 - 10/80		Temp surv	2735	800	5.500	7.875	3900	O:	3002526957	SEMGSAU 607
						Not available	Not available		10.000	20 unknown	20			SEMGSAU 605
P&A	4276	1335 FSL 1335 FWL	29-17S-33E	8/47 - 11/47	1400'	Not available)	7.000	8.750	4035	<u>Q</u>	3002501543	SEMGSAU 605
						Not available			8.625	10.875	1260			SEMGSAU 604
Active	4302	660 FSL 660 FWL	29-17S-33E	9/43 - 12/43		Not available	Not available		7.000	8.875	3963	Wtr Inj	3002501542	SEMGSAU 604
						Not available	Not available	100	8.625	12.500	1265			SEMGSAU 603
P&A	4300	1980 FSL 1980 FWL	29-17S-33E	8/43 - 11/43		Not available	Not available		7.000	8.875	3950	<u>Q:</u>	3002501541	SEMGSAU 603
						Not available	Not available	25	8.000	unknown	1300	-		SEMGSAU 602
P&A	4319	660 FSL 1980 FWL	29-17S-33E	4/43 - 7/43		Not available	ilable		7.000	8.250	4060	<u>Q:</u>	3002501540	SEMGSAU 602
						Circ to surf	Surface		8.625	12.250	1300			SEMGSAU 507
TA'd	4380	2615 FNL 2615 FEL	29-17S-33E	12/79 - 3/80		Temp surv	1400 7		5.500	7.875	3888	<u></u>	3002526462	SEMGSAU 507
							Surface		8.625	12.250	819			SEMGSAU 708*
TA'd	4316	100 FSL 2590 FEL	29-17S-33E	3/73 - 4/73		Temp surv	2540	435	5.500	7.875	4316	<u>Q</u>	3002524391	SEMGSAU 708*
Status	Depth	Footage	Sec-Twp-Rng	Date Drilled	Tools	Ву	Cement	إخا	-		1	Туре	API	Well Name
Record of Completion	╁┈	Location	ļ.		2	<u>10</u> 0	Top of	Cement	Casing	Hole C	Casing	Well		
							ction	Construction						
										_				
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						Circ to surf			8.625	12.250	307			SEMGSAU 906
Active	4575	1200 FNL 950 FEL	32-17S-33E	12/91 - 1/92		Circ to surf		0	5.500	7.875	4545	Oi	3002531444	SEMGSAU 906
						Not available			8.000	unknown				SEMGSAU 904
P&A	4271	660 FNL 660 FEL	32-17S-33E	3/46 - 8/46		Not available			7.000	8.750	3943	<u>이</u>	3002501357	SEMGSAU 904
						Not available			8.625	12.250	1257			SEMGSAU 902
P&A	4314	330 FNL 990 FEL	32-17S-33E	2/51 - 5/51		Not available			5.500	7.875	4050	으	3002501353	SEMGSAU 902
						Not available			8.625	10.875	1280			SEMGSAU 803
P&A	4325	660 FNL 1980 FEL	32-17S-33E	1/44 - 5/44		Not available	ilable		7.000	8.875	4045	<u>Qi</u>	3002501349	SEMGSAU 803
				i		Circ to surf			8.625	12.250	416			SEMGSAU 15
Active	4510	500 FNL 330 FWL	32-17S-33E	11/96 - 12/96		Circ to surf		0	5.500	7.875	4509	Wtr in	3002533615	SEMGSAU 15
						Not available			7.000	8.750	1223			SEMGSAU 1004
P&A	4298	330 FNL 2310 FWL	32-17S-33E	9/51 - 11/51		Not available	1		5.500	6.250	4102	<u>©</u>	3002501350	SEMGSAU 1004
						Not available	_		8.625	11.000	1368			Ohio State A6
Abandoned	3769	2310 FNL 330 FEL	32-17S-33E	9/53 - 11/53		Not available	_	=	. 1		3735	<u>o</u> i	3002501344	Ohio State A6
						Not available					210			Cockburn State 5
						Not available		Not available No	_		980			Cockburn State 5
D&A	4499	1650 FNL 1650 FEL	32-17S-33E	11/48 - 12/49	!!!	Not available	Not available	50 No	7.000	8.000	3917	D&A	3002501351	Cockburn State 5
						Circ to surf	Surface	475 Sur	13.375	17.500	456			Cockburn A State 5
					3391	Temp surv	100	1800	9.625	12.250	5270			Cockburn A State 5
Active	13705	1980 FNL 1980 FWL	32-17S-33E	6/76 - 9/76		Not available	ilable	2235 Not	5.500		10817	<u>©</u>	3002525286	Cockburn A State 5
						Circ to surf	Surface		13.375	17.500	334			Cockburn A State 4
						Temp surv	1970	500	8.625	11.250	2899			Cockburn A State 4
Active	8820	990 FNL 1980 FEL	32-17S-33E		, and	Temp surv	3210	700	4.500	7.875	8819	<u></u>	3002521662	Cockburn A State 4
D&A	4601	2310 FNL 1650 FWL	32-17S-33E	2/62 - 6/62		Circ to surf			8.625		1402	D&A	3002501343	Carper State A 7
						Circ to surf	_		11.750		300			Carper State 1
D&A	8805	777 FNL 330 FWL	32-17S-33E	6/61 - 7/61	6	Not available	Not available		8.625	11.000	2915	D&A	3002501354	Carper State 1
						Circ to surf	Surface	250 Suri	8.625	12.250	383			SEMGSAU 714
Active	4450	1200 FSL 900 FEL	29-17S-33E	3/97 - 5/97	63	Temp surv	680		5.500	7.875	4450	Wtr Inj	3002533869	SEMGSAU 714
					-	Circ to surf			8.625	12.250	388			SEMGSAU 713
P&A	4390	1700 FWL 1400 FEL	29-17S-33E	3/97 - 5/97	63	Temp surv	710		5.500	7.875	4389	Oil	3002533868	SEMGSAU 713
						Circ to surf	_		8.625	12.250	405			SEMGSAU 712
Active	4500	330 FWL 330 FEL	29-17S-33E	11/96 - 1/97		Temp surv	1350		5.500	7.875	4499	으	3002533695	SEMGSAU 712
						Circ to surf	=		8.625	12.250	407			SEMGSAU 711
Active	4405	1040 FSL 330 FEL	29-17S-33E	10/96 - 12/96		Temp surv	2102		5.500	7.875	4404	<u>o</u>	3002533592	SEMGSAU 711
				_		Circ to surf			8.625	12.250	404			SEMGSAU 710
Active	4400	1165 FSL 2010 FEL	29-17S-33E	4/96 - 6/96	_	Circ to surf		850 Sur	5.500	7.875	4394	Wtr Inj	3002533338	SEMGSAU 710
						Circ to surf			8.625	12.250	1314			SEMGSAU 709
Active	4450	2250 FSL 1225 FEL	29-17S-33E	9/81 - 12/81	•	Circ to surf		1000 Sun	5.500	7.875	3950	Qį	3002527555	SEMGSAU 709
						Circ to surf	=		8.625	11.000	810			SEMGSAU 707
D&A	4430	100 FSL 1430 FEL	29-17S-33E	11/72 - 3/73		emp surv	1740		5.500	7.875	4429	D&A	3002524250	SEMGSAU 707
						Circ to surf	_		8.625	11.000	354			SEMGSAU 706
70040	1000	1 .000	1000								֡			

permit sought	* Well for which	State CB 2	State CB 2	State CB 2	State CB 1	State CB 1	State 2	State 2	State 1	State 1	SEMGSAU 909	SEMGSAU 909	SEMGSAU 908	SEMGSAU 908	SEMGSAU 907	SEMGSAU 907
				3002521209		3002501345		3002501348		3002501347		3002537386		3002533593		3002531445
				일		으		D&A		D&A		Qi		Wtr Inj		<u>Q</u>
		333	2882	8779	329	4810	1276	4652	1281	4028	1150	4540	415	4417	338	4600
		17.500 1	11.250		12.250				10.875				12.250		12.250	7.875
		13.375	8.625	4.500	8.625	4.500	8.625	7.000	8.625	6.625	8.625	5.500	8.625	5.500	8.625	5.500
		250	500	850	250	250	50	50	50	100	630	725	275	900	200	1450
		Surface	1970 T	3445 To	Not available	Not available	Not available	Not available	Not available	Not available	Surface	Surface	Surface	Surface	Surface	Surface
		Circ to surf	Temp surv	5 Temp surv	Not available	Not available	Not available	Not available	Not available	Not available	Circ to surf	Circ to surf	Circ to surf	Circ to surf	Circ to surf	Circ to surf
				9/65 - 10/65		12/61 - 1/62		1/44 - 12/44		1/44 - 12/44		12/05 - 12/0		10/96 - 12/96		11/91 - 1/92
				32-17S-33E		32-17S-33E		32-17S-33E		32-17S-33E		12/05 - 12/05 32-17S-33E		6 32-17S-33E		32-17S-33E
				2310 FNL 1700 FEL		2310 FNL 2310 FEL		660 FNL 1980 FWL		660 FNL 660 FWL		944 FNL 330 FEL		330 FNL 330 FEL		2310 FNL 990 FEL
				8780		4810		5200		4473		4420		4450		4600
				P&A		P&A		D&A		D&A		Active		Active		TA'd



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 lef	t out of the Injection Request Federal
Expressed to the OCD yesterday.	. The Injection data sent was for the
Southeast Maljimar Gas San And	dres Unit, Well #708, Lea County.
Thank you for getting these to Da	avid with the rest of the package.
Appreciate your help, lyn	

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

Section III. WELL DATA

A. Injection well information (see attached schematic)

1. Lease: SEMGSAU

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.

Production - 5 1/2", 14# @ 4316', cmt'd w/ 435 sx, TOC @ 2540' (temp survey in 73)

- 3. Tubing: 23/8", 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.

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FACSIMILE TRANSMITTAL

TO: DAVID CATANACH CO: OIL CONSERVATION DIV.
FAX NO: 1-505-476-3462 NO. PAGES: 45
FROM:LYN MARR PHONE:432/620-6714
DATE: 8/16/2006 E-MAIL: lyn marr@xtoenergy.com
MESSAGE:
DAVID, Well here I go again truly hope I send this to the
Right place this time.
Thanks for all your helprack it up to "very old age"""
The mind is just gooooooiiiiinnnnnnng!
Thanks Lyn he Mue The
HAVE A VERY GOOD DAY!

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	\$	HOLE	8.25	12	8.25	9.675	7.875	11	7.875	11	7.875	12.25	7.875	11	7.875	11	7.875	12.25	7.875	12.25	7.875	12.25	7.875	12.25	7.875	12.25	7.875	12.25		
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		CSG	2915	300	1402	6188	2899	334	10817	5270	456	3917	086	210	3735	1368	4102	1223	4509	416	4045	1280	4050	1257	3943	1300	4545	307	4600	338
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ABOVE THIS LINE FOR DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION

- Engineering Bureau -

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



820

ADMINISTRATIVE APPLICATION CHECKLIST

TI	HIS CHECKLIST IS MA	ANDATORY FOR ALL ADMINISTRATIVE APPLIC WHICH REQUIRE PROCESSING AT		RULES AND REGULATIONS
Applic	[DHC-Dowr [PC-Po	s: Idard Location] [NSP-Non-Standard Inhole Commingling] [CTB-Lease Colfourners]	Proration Unit] [SD-Simultane ommingling] [PLC-Pool/Lease Storage] [OLM-Off-Lease Me K-Pressure Maintenance Expan Pl-Injection Pressure Increase]	e Commingling] asurement] sion]
[1]	-	PLICATION - Check Those Which Location - Spacing Unit - Simultane NSL NSP SD	Apply for [A]	
	Check [B]	One Only for [B] or [C] Commingling - Storage - Measurem DHC CTB PLC		М
	[C]	Injection - Disposal - Pressure Incre WFX PMX SWD	ase - Enhanced Oil Recovery IPI EOR PPI	R
	[D]	Other: Specify		
[2]	NOTIFICATI [A]	ON REQUIRED TO: - Check Thos Working, Royalty or Overridin		apply
	[B]	Offset Operators, Leaseholders	or Surface Owner	
	[C]	Application is One Which Req	uires Published Legal Notice	
	[D]	Notification and/or Concurrent U.S. Bureau of Land Management - Commissio	Approval by BLM or SLO	
	[E]		otification or Publication is Atta	ched, and/or,
	[F]	☐ Waivers are Attached		
[3]		CURATE AND COMPLETE INFO	PRMATION REQUIRED TO I	PROCESS THE TYPE
[4] approv applic	val is accurate an ation until the rec	FION: I hereby certify that the informed complete to the best of my knowled quired information and notifications a	dge. I also understand that no ac re submitted to the Division.	etion will be taken on this
	Note:	Statement must be completed by an individ	lual with managerial and/or superviso	ry capacity.
Print o	or Type Name	Signature	Title	Date
			e-mail Address	

STATE OF NEW MEXICO ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

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

FORM C-108 Revised June 10, 2003

APPLICATION FOR AUTHORIZATION TO INJECT

I.	PURPOSE: Secondary Recovery Pressure Maintenance X Injection Storage
	Application qualifies for administrative approval?xYesNo
II.	OPERATOR:XTO ENERGY INC
	ADDRESS:200 LORAINE STE. 800 MIDLAND, TX 79701
	CONTACT PARTY:RICHARD LAUDERDALE ENGRPHONE: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 x No R 3/34 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:
	 Proposed average and maximum daily rate and volume of fluids to be injected; Whether the system is open or closed; Proposed average and maximum injection pressure; Sources and an appropriate analysis of injection fluid and compatibility with the receiving formation if other than reinjected produced water; and, If injection is for disposal purposes into a zone not productive of oil or gas at or within one mile of the proposed well, attach a chemical analysis of the disposal zone formation water (may be measured or inferred from existing literature, studies, nearby wells, etc.).
*VIII.	Attach appropriate geologic data on the injection zone including appropriate lithologic detail, geologic name, thickness, and depth. Give the geologic name, and depth to bottom of all underground sources of drinking water (aquifers containing waters with total dissolved solids concentrations of 10,000 mg/l or less) overlying the proposed injection zone as well as any such sources known to be immediately underlying the injection interval.
IX.	Describe the proposed stimulation program, if any.
*X.	Attach appropriate logging and test data on the well. (If well logs have been filed with the Division, they need not be resubmitted).
*XI.	Attach a chemical analysis of fresh water from two or more fresh water wells (if available and producing) within one mile of any injection or disposal well showing location of wells and dates samples were taken.
XII.	Applicants for disposal wells must make an affirmative statement that they have examined available geologic and engineering data and find no evidence of open faults or any other hydrologic connection between the disposal zone and any underground sources of drinking water.
XIII.	Applicants must complete the "Proof of Notice" section on the reverse side of this form.
XIV.	Certification: I hereby certify that the information submitted with this application is true and correct to the best of my knowledge and belief.
	NAME:M. LYN MARR
	SIGNATURE: DATE: 6/20/2006
*	E-MAIL ADDRESS:lyn_marr@xtoenergy.com

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.

WELLBORE DIAGRAM **SEMGSAU #708**

Tract 7

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

CORR: 8.5'

1 Toke

LOCATION: 100' FSL & 2590' FEL, SEC 29, T17S, R33E COUNTY/STATE: LEA COUNTY, NEW MEXICO FIELD: MALJAMAR (GRAVEI POR MEXICO

FORMATION: GRAYBURG/SAN ANDRES

NMOCD LEASE #: 003355 PRODUCTION METHOD: TA'D API #: 30-025-24391

CTOC WELL #: 450

PERFS: GRAYBURG: 4278'-4292' (15 HOLES, 3/29/73)

8-5/8" 24# CSG @ 819'. CMT'D W/ Spud: 3/14/1973 5005X. **HISTORY**

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

04/01/73: PERF 4255'-4263' (9 HOLES). FRAC W/2400 GALS GELLED BW, 40750# 20/40 SD, 14 BS @ 18.2 BPM & 4000 PSIG. ISIP 1500 PSIG. S. 108 BLW, 6 HRS. 03/31/73: S. 1 BO, 12 BLW, 10 HRS.

700 PSIG.

<u>04/02/73:</u> S. 2 BO, 207 BLW, 10 HRS. <u>04/03/73:</u> S. 18 BO, 149 BLW, 7.5 HRS.

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

4/04/73: PWOP

IPP 36 BOPD, 230 BWPD, GOR TSTM.

<u>11/06/73:</u> REPL 160D W/456 PU. BEFORE: P. 27 BOPD, 168 BWPD, AFTER: P. 42 BOPD, 122 BWPD. <u>16/12/84:</u> SET RBP @ 4244'. RTTS PKR @ 4235'. TST RBP & CSG. HELD OK. RERAN PROD EQUIP. <u>13/25/88:</u> MO LUFKIN C-456D TO FRED TURNER #1.

TOC 2540'

03/26/88: 3/31/88: RWTP. MI NATIONAL C-320D FR/FRED TURNER #1

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

2/26/91: LD RODS.

<u>14/20/92:</u> LD TBG. <u>12/15/96:</u> STATIC FL @ SURF W/35 PSIG CP.

<u>05/14/03:</u> SITP 160 PSIG. BLED OFF PRESS TO VAC TRK. REC 10 BBLS (MOSTLY WTR). <u>06/06/03:</u> TAGGED PBTD @ 4296°. RUN SCRAPER TO 4248°. CIRC WELL CLEAN. SET PKR @ 4216°. TSTD CSG TO 500 PSIG. HELD OK. S. 39 BBLS, 100% WTR, 2.5 HRS. BFL @ 2800°. EFL @

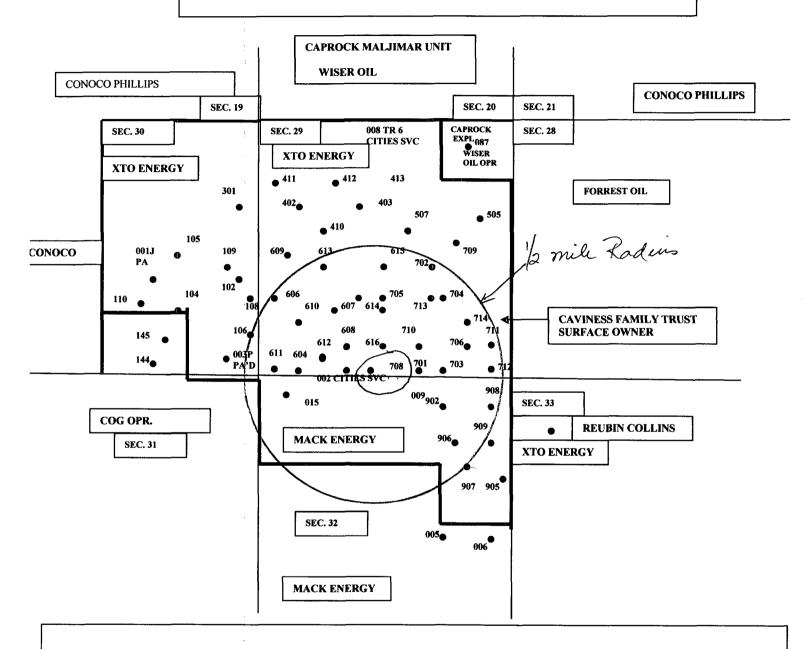
<u>06/09/03:</u> POH W/5-1/2" PKR. TIH W/5-1/2" BJ SV-5 CIBP @ 4218'. <u>06/10/03:</u> POH, LD 2-3/8" N-80 WS. INST 6' X 2-/78" EUE 8RD TBG SUB & WH. PRESS TSTD 5-1/2" CSG TO 500 PSIG FOR 30".

FILL: 4296' (6/6/03) PBTD: 4310'

> 5-1/2", 14#, K55 CSG @ 4316' HOLES) PERF: GRAYBURG @ 4255'-4292' (24 5-1/2" CIBP @ 4218' (6/10/03).

CMT'D W/435SX. TOC @ 2540

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 ACREAS IN LEASE: 22004

M. LYNMARR
REGULATORY ANALYST

7/3/2006

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		REC.	Y		Ą		D&A		D&A		P&A		P&A				
		COMP REC	4450		4420		4473		5200		4810		8780				
		FOOTAGE	330 FNL 330 FEL		944 FNL 330 FEL		660 FNL 660 FWL		660 FNL 1980 FWL		2310 FNL 2310 FEL		2310 FNL 1700 FEL	. Constant			
		707	32-17S-33E		32-17S-33E		32-17S-33E		32-17S-33E		32-17S-33E		32-17S-33E				
	~ I	DATE DRLD	10/96 - 12/96 32-17S-33E		12/05 - 12/05 32-17S-33E		1/44 - 12/44		1/44 - 12/44		12/61 - 1/62		9/65 - 10/65				,
	VIEV	DV															
X.	FRE	TOC BY	S	S	కు	છ	Calc	Calc	Calc	Calc	Calc	Calc	SI	TS	S		
KER	(A O	TOP	Surf	Surf	Surf	Surf	3334	1005	4245	1000	3361	Surf	3445	1970	Surf		
XTO ENERGY IN AREA OF R	FLLS IN AREA OF REVIEW	CMT	006	275	725	630	100	50	20	50	250	250	850	200	250		
	ELLS	CSG	5.5	8.625	5.5	8.625	6.625	8.625	7	8.625	4.5	8.625	4.5	8.625	13.375		
	\mathbf{s}	HOLE	7.875	12.25	7.875	12.25	8.875	10.875	8.875	10.875	7.875	12.25	7.875	11.25	17.5		
		CSG DEPTH	4417	415	4540	1150	4028	1281	4652	1276	4810	329	61.18	2882	333		
		WELL	Wtr Inj		ŢO.		D&A		D&A		Oil		Į.O				
		API	3.003E+09		3.003E+09		3.003E+09		3.003E+09		3.003E+09		3.003E+09				
		WELL NAME	SEMGSAU 908	SEMGSAU 908	SEMGSAU 909	SEMGSAU 909	State 1	State 1	State 2	State 2	State CB 1	State CB 1	State CB 2	State CB 2	State CB 2	* Well for which	nermit sought



FACSIMILE TRANSMITTAL

TO: David Catanack	co: OCD · Santa Le
FAX NO: 1-505-476-3462	NO. PAGES: 39
FROM:LYN MARR	PHONE:432/620-6714
DATE: 8/22/06 E-N	MAIL: lyn marr@xtoenergy.com
MESSAGE: David - Here	are all the PA'd wills
	The
	Lep



FACSIMILE TRANSMITTAL

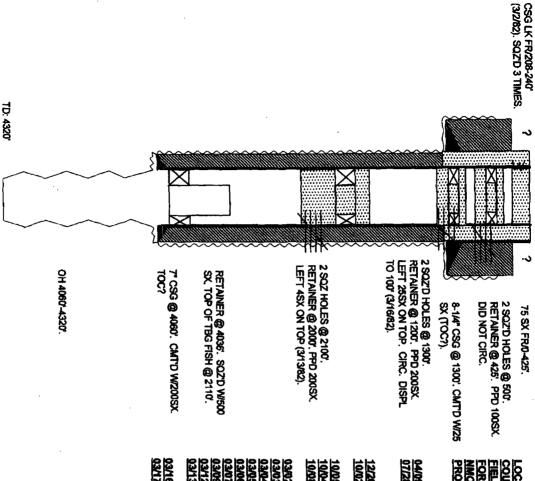
THAN	KS, LYN
Top of Cement.	
David, Here is the new completed	Area of Review Wells with their
DATE: <u>8/02/2006</u> E-M. MESSAGE:	AIL: lyn marr@xtoenergy.com
FROM:LYN MARR	PHONE:432/620-6714
FAX NO: 1/505/476/3462	NO. PAGES:4
TO: DAVID CATANACH	CO: OCD/SANTA FE, NM



FACSIMILE TRANSMITTAL

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

WELLBORE DIAGRAM **SEMGSAU #602 WIW**



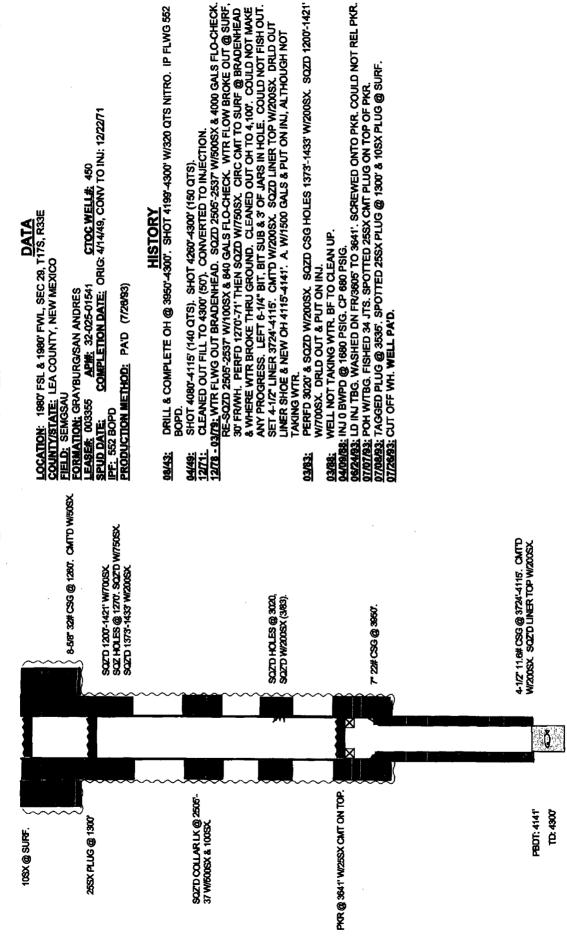
CTOC ACCTG #: 450

PRODUCTION METHOD: PA'D. FIELD: MALJAMAR GRAYBURG SAN ANDRES LOCATION: 660 FSL, 1980' FWL, Sec 29, T17S, R33E.
COUNTY/STATE: LEA COUNTY, NEW MEXICO FORMATION: GRAYBURG

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). IPF 300 BOPD, 0 BWPD.
12/20/67; RAN INJ EQUIP. TIH W/BIT TO 4030'. DRLD DOWN TO 4051'. WTR COMING OUT FR/BEHIND 039/2/82: 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 03/04/82: PPD 300 SX CMT. CIRC. 03/16/82; PERF 2 SOZ HOLES @ 1300'. SET RETAINER @ 1265'. 03/17/82; PPD 200 SX. LEFT 25 SX CMT ON TOP OF RETAINER. PERF 2 SOZ HOLES @ 500'. SET RETAINER @ 425'. PPD 100 SX CMT. DID NOT CIRC. PPD 75 SX CMT FR/425' TO SURF. <u>03/05/82:</u> TAGGED CMT @ 3'. <u>03/07/82:</u> DO CMT TO 173'. LOSING 9 BPH. <u>10/08/81:</u> TIH W/SHOE. WASHED DWN TO 2162'. SET DOWN. COULDN'T GO DEEPER. SD FOR AFE 30982: PPD 150 SX. CIRC. 33/12/82: DO CMT TO 285'. TIH TO 2110'. <u>10/05/61;</u> SET RETAINER @ 4036: <u>10/04/61;</u> SOZ'D 500 SX. TBG STUCK @ 2580'. CUT TBG @ 2110'. 2/13/15/2: PERF 2 SQZ HOLES @ 2100'. SET RETAINER @ 2000'. PPD 200 SX CMT. LEFT 4 SX ON WELL PA'D. TOP OF RETAINER (110'). TO P&A

SEMGSAU #603 WELLBORE DIAGRAM



CONDITIONS OF APPROVAL, IF ANY

DISTRIBUTION SANTA FE NEW MEXICO OIL CONSERVATION COMMISSION	Fbrm C-103 Supersedes Old C-102 and C-103 Effective 1-1-85						
U.S.G.S. LAND OFFICE OPERATOR Whis is SEMGSAL #605	State State Oil & Gas Lease No.						
	B-2516						
SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO BRILL OF TO DEEPEN OF PLUG BACK TO A DIFFERENT RESERVOIR.	7, Unit Agreement Name						
1. OIL X GAS OTHER-	SMGSAU						
2. Name of Operator Cities Service Company	8, Form or Lease Name TRACT 6						
3. Address of Operator	9. Well No.						
Box 1919, Midland, TX 79702	10, Field and Pool, or Wildcat						
4. Location of Well WHIT LETTER K 1330 FEET FROM THE SOUTH LINE AND 1330 FEET FROM	Maljamar (G-SA)						
THE West LINE, SECTION 29 TOWNSHIP 175 NAMES 33E HAPPM							
15. Elevation (Show whether DF, RT, GR, etc.)	12. County						
	LEA ()						
Check Appropriate Box To Indicate Nature of Notice, Report or Or NOTICE OF INTENTION TO:	ther Data T REPORT OF:						
PERFORM REMEDIAL WORK	ALTERING CASING						
TEMPORARILY ASANOON COMMENCE DRILLING OPHS.	PLUG AND ASAMOOMMENT						
PULL OR ALTER CASING CHANGE PLANS CASING TEST AND CEMENT JOB							
панко							
17. Describe Proposed or Completed Operations (Clearly state all perinent details, and give pertinent dates, including estimated date of starting any proposed work) set what i fies. 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 lk 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							
APPROVED BY AND SELECT COM. & GAS INSPECTIC	EL TERRORISMO						

WELLBORE DIAGRAM



LEASE:				LIEFT MANIE"	
WELL#	605	PERMIT#		API#:	30-025-01543
SECTION LINES:	1330 FSL & 1330 FWL		PMT DATE	LEASE#:	
LEASE LINES:				POOL#:	
SEC-BLK-TWN-RNG	K - 29 - 178 - 33E			SPUD DATE:	8/15/1947
COUNTY:	LEA			COMP DATE:	11/10/1947
STATE:	NM			GL	
				DF	
				KB	
ORIGINALLY SHELL-	STATE #5				PLUGGED AND ABANDONED
10 SXS CMT ON TOP	F/30' TO SURF			10/31/1980 B1	CITIES SERVICE CO.
			1110	HOLE SIZE: 1	2 1/4
PMP 150 SX CL C + 2	50 SX CL C MAX 800# PS	SI III		SURF CSG.:	0 * 25#
RTNR @961' 500 SX	scrc		$\overline{}$	DEPTH: 2	20'
DISP ALL CMT BELO	WRTNR PRESS 1100#		133	SXS CMT:	
		1.11		TOC:	
				DET BY:	
				•	
		91.31. 13.55	- 55	HOLE SIZE: 8	3/4
125 SXS CMT PLUG 3	3148-2043			PROD CSG.: 7	T 23#
			100	DEPTH: 4	1008
				SXS CMT:	150 + 90 2 STAGE 1400'
500 SXS CL C INTO F	RTNR/ MAX PRESS 4000#	* IIII		TOC:	
360 SXS BELOW TOL	IL TBG FULL OF CMT	100 3	SXS CMT	DET BY:	
	RTNR @38091			-	
		1			
TD	4320'	7			

PREPARED BY: LYN MARR /REGULATORY SPEC.

8/1/2006 SEMGSAU 605 PA'D.xls



WELLBORE DIAGRAM

LEASE:	SEMGSAU	WELL: 605	FIELD:	MALJAMAR; GAS SA	API:
LOC:	1330 FSL 1330 FWL	SEC: 29	BLK:	UNIT K	REF NO:
TWN	178	GL:	CTY/ST	LEA NEW MEXICO	SPUD:
RNG	33E	кв:	DF:		TD DATE:
	•				COMP DATE:
	10 SXS CMT PLUG				
	30' TO SURF			HOLE SIZE:	
		,		SURF CSG & SIZE:	
FRESH	WATER	1	11	SET @:	
DEPTH:			- 1	SXS CMT:	
		•	11	CIRC:	
	Ţ	1	11		
	PMPD INTO CSG	1		WELL WAS PA'D	
	LEAK ABOVE RTNR	non-management of the second	2.041	10/31/1980	·
	150 SX THICK SET			BY CITIES SERVICE	co
	& 250 SXS CL C				
	CMT DOWN CALL				
TBG:	CMT RTNR @961' 500 SX CL C CMT				
I DG:	DISP ALL BELOW				
	DISF ALL BELOW	54			
	PMPD 125 SXS PLUG				
	F/3148-2043		3.0		
	745'	43.0			
	/45				
	CIRC 40 SXS TO PI	T 100 SXS ON TOP	TOP @31	48' HOLE SIZE:	
				PROD. CSG & SIZE:	
	RTNR 3809'		7	SET @:	
	SQZ W/360 SXS			SXS CMT:	
PBTD:	BELOW TOOL	1		CIRC:	
	MAX PSI=4000#	4.3		TOC AT:	
TD:	4320			TOC BY:	
	•				

BY: LYN MARR 8/24/2006

TD: 4800

W:\WELLSKETCHES\SEMGSAU\SEMGSAU #703 WIW

WELLBORE DIAGRAM **SEMGSAU #703 WIW**

CIRC 1708X. 8-5/8" 28.55# & 32# H-40 CSG @ 1260'. CMT'D W/550SX CL "C".

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

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

<u>IP:</u> P. 11 BO NMOCD LEASE NO: 003355

API #: 30-025-01549 CTOC ACCTO #: 450

HISTORY

PERF'D @ 1265'. SQZ'D W/ 800SX CMT (2/18/83).

<u>01/26/53;</u> PERF'D GRAYBURG @ 4280'-90' W/Z JSPF. FRAC'D OH W/1500 GALS HYDRAFRAC & 1500 GALS 15% NE ACID. MAX FRAC - 7050#, MAX ACID - 6000#, ISIP 2550#. 1206/52: SPUDDED WELL. 91/12/53: TD 4600'. RAN 5-1/2" 15.5# & 17# CSG. CMT'D W/300SX CLASS "C". TOC 3000'. **)8/22/56:** FRAC'D VIA CSG W/30000 GALS GELLED LSE OIL W/1.5 PPG 20/40 SD

02/19/86: CO 6' OF FILL. A. W/1500 GALS 15% NEA.

10/19/67; CONV TO WIW. INJ 400 BWPD @ 200 PSIG.

TOC: 3000'

@ 4101'.

4/27/83: 132 JTS 2-3/8" 4.7# J-55 EUE 8RD PL TBG, 5-1/2" BAKER LOC-SET NI COATED PKR. PKR

<u>03/01/71</u>: SI DUE TO NOT TAKING WATER.

<u>02/18/83</u>: RAN BIT & CSG SCRAPER TO 4263'. PERF'D 2 SQZ'D HOLES @ 1265'. SQZ'D W/200SXS

CLASS 'C' CMT W/3% CaCl2 & 5# SD/SX + 500SXS CLASS 'C' W/16% GEL & 3# SD/SX +

100SXS CLASS 'C' W/3% CaCl2 & 5# SD/SX. DO CMT AND HELD 500# FOR 30'. RTN TO WI.

<u>09/30/91</u>: REPACKED BRADENHEAD DUE TO LEAK.

<u>09/30/91</u>: SI 7 DAYS FOR FALLOFF TEST. IBHP - 3354#, FBHP - 2806#, K = 0.63 MD, S = 4.73

<u>08/21/98;</u> A. OH W/500 GALS 15% PENTOL-150 Fe HC!. AIR = 1.4 BPM, ATP - 2750#, MAX TP - 2810#, ISIP - 2350, 5" - 2000, 10" - 1740, 15" - 1560. (SHOWED NO HELP FROM ACID JOB) <u>05/18/97:</u> A. W/1000 GALS 15% NEFE HC! DWN TBG & FLUSH W/20 BBLS 2% KC!. ATP - 2000#.

11/06/97: TRIED TO RUN 1-1/2" GAUGE ON WL. MASTER VALVE WOULD NOT CLOSE

15/25/99: REPL MASTER VALVE.

0/27/99: PASSED MIT.

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

PERFS @ 4280'-4290' W/2 JSPF.

3000

OH 4290'-4340'

The

PLF REVISED 6/14/04 PAGE 1 OF 1

TD: 4430

WELLBORE DIAGRAM SEMGSAU #707



LOCATION: 100' FSL & 1430' FEL, SEC 29, T175, R33E
COUNTY/STATE: LEA COUNTY, NEW MEXICO
FIELD: MALJAMAR (GRAYBURG/SAN ANDRES)
FORMATION: GRAYBURG/SAN ANDRES)

NMOCD LEASE #: API #:
PRODUCTION METHOD: PA'D. DRYHOLE. CTOC WELL #: 450

40SX FR/1280'-1380'

11/14/72: SPUD WELL.
11/12/972: TD'D @ 4439°. SET 8-58° 24# @ 810°. CMT'D W/350SX (CIRC). CORED FR/42/15'-4394'. SET 5-1/2" 14# CSG @ 4429°. CMT'D W/435SX (TOC 1740').
12/12: PERF'D 1 JSPF @ 4292'-4310', 4324'-4342' & 4350-4360'. A. 4292'-4360' W/1700 GALS 15% HCL & 68 BS @ 5.2 BPM & 2700-4000 PSIG. ISIP 2050 PSIG. S. TRACE OIL, 11 BW, 5 HRS. FRAC'D 4292'-4360' W/20,000 GALS 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'. SOZ'D 4292'-4360' W/100 SX. DO TO 4288'. TSTD SOZ TO 1500 PSIG. HELD OK. PERF'D 1 JSPF @ 4272'-4284'. A. 4272'-4284' W/1500 GALS @ 1 BPM & 1100-2500 PSIG. S. TRACE OIL, 146 BW, 10 HRS. PWOP.

11/16/73: P. 0 BWPD, 120 BWPD.

CUT CSG @ 1738'

25SX FR/1688'-1788'

97/03/73; 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 PA'D.

TOC 1740

5-1/2" 14# CSG @ 4429'. CMTD W/ 435SX. TOC @ 1740'.

4292'-4360' (SQZ'D 12/72) PERFS: 4272'-4284 CIBP @ 4207' W/5SX ON TOP

W:\WELL SKETCHES\SEMGSAU\SEMGSAU #707

Submit 3 Copies To Appropriate District State of New Mexico	Form C-103
Office District I Energy, Minerals and Natural Resources	May 27, 2004
1625 N. French Dr., Hobbs, NM 88240	WELL API NO. 30-025-33868
District II 1301 W. Grand Ave., Artesia, NM 88210 OIL CONSERVATION DIVISION	5. Indicate Type of Lease
District III 1220 South St. Francis Dr. 1000 Rio Brazos Rd., Azicc, NM 87410	STATE X FEE
District IV 1220 S. St. Francis Dr., Santa Fe, NM	6. 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	7. Lease Name or Unit Agreement Name SEMGSAU
PROPOSALS.) 1. Type of Well: Oil Well X Gas Well Other	8. Well Number 713
2. Name of Operator XTO Energy Inc.	9. OGRID Number 005380
3. Address of Operator	10. Pool name or Wildcat
200 North Loraine, Suite 800, Midland, Texas 79701	Maljamar Grayburg San Andres
4. Well Location Unit Letter J: 1700 feet from the South line and 1400	feet from the Bast
Section 29 Township 17S Range 33E NM	
11. Blevation (Show whether DR, RKB, RT, GR, etc.	
GL 4082' Pit or Below-grade Tank Application □ or Closure X□	18 2:42
Pit type_steelDepth to Groundwater_190_Distance from nearest fresh water well_1000'+Dis	tance from mearest offace water 1900:
	onstruction Material & 935 C
12. Check Appropriate Box to Indicate Nature of Notice	Report or Other Data
NOTICE OF INTENTION TO	SEQUENT REPORT OF 9 9 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
NOTICE OF INTENTION TO: SUE	SEQUENT REPORT 491299
TEMPORARILY ABANDON CHANGE PLANS COMMENCE OF	Hoved as to three of the Well Hore.
PULL OR ALTER CASING " MULTIPLE COMPL CASING/CEME	ace restoration is completed.
OTHER:	and residuation is completed.
13. Describe proposed or completed operations. (Clearly state all pertinent details, at	
of starting any proposed work). SEE RULE 1103. For Multiple Completions: A or recompletion.	ttach wellbore diagram of proposed completion
10/19/04 - MIRU Basic Energy Services Plugging PU. Well flwd (1/2 BPM. RU Lobo vac trk. ND
WH. NU BOP. POOH w/2-3/8" tbg. RD Lobo trk. SWI & SDON. 10/20/04 - RU WL truck. RIH w/5-1/2" CIBP on WL & set 6 4,100	* * PD WI trk: RIH w/2-3/8" OR.
4.7#, J-55, EUE, 8rd tbg. Tagged CIBP 0 4,100'. Mixed & pmpd :	Ssx Class "C" cmt. POOH w/2-
3/8" tbg. SDF 2 hrs. RIH w/2-3/8" tbg & tagged TOC 6 3,862'. (w/2-3/8" tbg to 2,550'. Mixed & pmpd 25sx Class "C" cmt. POOH	
w/2-3/8" tbg & tagged TOC 0 2,315'. Circ 10# mud to 1,300'. Po	OOH w/2-3/8" tbg to 1,300'.
Mixed & pmpd 25sx Class "C" cmt. POOH w/2-3/8" tbg. SWI & SDO! 10/21/04 - RIH w/2-3/8", 4.7#, J-55, EUE, 8rd tbg to 1,158' &	
tbg. RU WL truck. RIH w/3-1/8" cag gun & perf'd 4 JSPF 6 438'	. POOH & RD WL truck.
Attempted to est circ dn 5-1/2' csg & out 8-5/8" bradenhead, they advised squeezing 50sx cmt plug 0 438'. Perf 0 50' & cir.	could not. Contacted NMOCD &
50sx Class "C" cmt dn 5-1/2" csg. Flushed cmt to 335'. SDF 2	ers. RIH w/2-3/8° tbg to TOC 8
326'. POOH w/tbg. RU WL trk, RIH w/3-1/8" cag gun & perf'd 4 truck. Mixed & pmpd 50sx Class "C" cmt dn 5-1/2" cag & out 8-	JSPF 6 50'. POOH & RD WL 5/8" bradenhead Top 50' of 5-
1/2° & 8-5/8° filled w/cmt. RDMO PU. Cleaned location. Instal.	led dry hole marker. Well is
PA'd	
I hereby certify that the information above is true and complete to the best of my knowled grade tank has been will be constructed or closed according to NMOCD guidelines [], a general permit [ge and belief. I further certify that any pit or below-
SIGNATURE TITLE Regulatory Tech	DATE 10/25/04
Type or print name DeeAnn Kemp E-mail address: Decann kemp@xtoenergy.com For State Use Only	Telephone No. 432-620-6724 OCT 9 9 2
REPRESENTATIV	E II/STAFF WANDER
surface res	nder tond is retained until torables is completed.

	es To Appropriate Distric	State of:	New Mexico		Form C-103
Office		Energy, Minerals	and Natural Resources		May 27, 2004
District Ist	h Dr., Hobbs, NM 88240		*	WELL API NO.	
District II	ii Di., 110000, 1111 00210	OH CONTREDI	ATION DIVISION	30-025-33868	
	d Ave., Artesia, NM 8821	0	· • - · .	5. Indicate Type	of Lease
District III			St. Francis Dr.	STATE	
1000 Rio Braz District IV	zos Rd., Aztec, NM 87410	Santa Fo	6. State Oil & G		
	ancis Dr., Santa Fe, NM		•	3. 3 3 3 3 3 3 3	
87505	•				
	SUNDRY NO	OTICES AND REPORTS O	N WELLS	7. Lease Name of	or Unit Agreement Name
(DO NOT US	E THIS FORM FOR PRO	POSALS TO DRILL OR TO DEE	PEN OR PLUG BACK TO A		
PROPOSALS		PLICATION FOR PERMIT" (FOR	M C-IUI) FOR SUCH	SEMGSAU	<u> </u>
	Well: Oil Well X	Gas Well Other		8. Well Number	713
2. Name of				9. OGRID Num	ber 005380
XTO Energ), OGIGE !!!!!	
	of Operator			10. Pool name o	r Wildcet
		Aidland, Texas 79701		Maljamar Grayb	
1.		Mulana, 10xas 19101		1724 Juniar Grayo	
4. Well Lo					•
U	nit LetterJ	_:1700_feet from the _	_South line and14	00feet from the	Eastline
Se	ection 29	Township	17S Range 33E	NMPM L	ea County NM
		11. Elevation (Show w	hether DR, RKB, RT, GR, e		
		GL 4082'			
Pit or Below-	erade Tank Application	or Closure X			
Pit type St	eel Depth to Groundy	rater_199Distance from near	est fresh water well 1000+ Di	stance from nearest surfi	ace water 1900+
Pit Liner This		mil Below-Grade Tank: Ve		Construction Material	
Kir tuber You					
	12. Chec	k Appropriate Box to I	ndicate Nature of Notice	e, Report or Othe	r Data
		INTENTION TO:	St	JBSEQUENT RI	EPORT OF:
PERFORM	REMEDIAL WORK		N 🔲 REMEDIAL W	ORK 🔲	ALTERING CASING
TEMPORA	RILY ABANDON	☐ CHANGE PLANS	COMMENCE 1	DRILLING OPNS.	P AND A X
PULL OR A	ALTER CASING	☐ MULTIPLE COMPL	CASING/CEM	ENT JOB 🗍	
		_		-	
OTHER:			OTHER:		
13. De:	scribe proposed or co	ompleted operations. (Clear	y state all pertinent details,	and give pertinent da	ites, including estimated date
of a	starting any proposed	i work). SEE RULE 1103.	For Multiple Completions:	Attach wellbore diag	ram of proposed completion
or	recompletion.				
9/25/04	On 9/21/04, wel.	l tstd 0 6 BO, 14 BW, &	9 MCF. On 9/20/04, bate	ery recieved a high	gh inj tank alarm. All
	wells were taking Placed well into	ng proper amounts. Inves			A
0.400.404		•	Approve	d as to plugging of under bond is retail	the Well Bore.
9/29/04		11 flwd 0 BO, 625 BW, &	o MCF. Liability	under bond is retal	ped windle 12
9/30/04	In 24 wells, we	ll flwd 0 BO, 430 BW, &	o MCF. surface	estoration is comp	eted.
10/1/04	In 24 wells, we	11 flwd 0 BO, 520 BW, &	0 MCF.		(2)
10/2/04				0". The vessel ha	d 24 pai on it. Bled the
	METT CAND SULTIT	getting fluid & started	a bucket tst. Well show	ed to have 352 psi	e acrate of 2 galasa
	minute through	a 1/4° valve.		[19]	Den 180 5
10/3/04	Well had 40 psi	on csg. Put well in tat	& it showed 1 bbl in :	0". The vessel ha	d 21 psi mosit. Bled the
	METT CIME OTICIT	getting iluid & started	a bucket tst. Well show	med to have 25 net	8 a rate 69 5 gala in 2
10/5/04	minuces curough	a 1/4 Vaive. This was	all done through the co	ising side. 📜	A. 5.7
10/5/04	in 24 hrs, well	flwd 0 BO, 0 BW, & 0 MC	F. Well had 21 psi on	eg. Put well in t	st for 20° & it showed 0
	Well showed to	e well had 35 psi on it. have 25 psi 6 a rate of	5 gals in 2-1/2 minutes	through a 1/40 w	started a bucket tst.
	through the cas:	ing side. Attempted to t	urn pmping unit on, pm	was stuck. Shut	well dn.
hereby certi	ify that the informati	on above is true and comple	te to the best of my knowle	dge and belief. I ferti	er certify that any olt or below-
grade tank has	s been/will be constructe	d or closed according to NMOCE	guidelines 🔲, a general permi	or an (attached) alter	reative OCD-approved plan .
			D	TI	n _ /
SIGNATUR	a 4mm		TITLE Kequiatory	1401	DATE F47/QY
Type or prin					
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		Kemp	E-mail address:	1	Telenhone No
For State U		Kemp	E-mail address:	1	Telephone No. 432-620-672
For State U	ise Only	Komp			Telephone No. 120-672
For State U	ise Only	Komp W. Wenkog F	E-mail address:		Telephone No. 432-620-672

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- THE VALUE OF THE PROPERTY OF T
- 10/8/06 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 9 4.024 & pkr 9 4.013'. RU Lobo pmp trk. Loaded 2-3/8° tbg w/1-1/2 EW. Press tstd RBP to 1.000 psig for 10°, held OK. Loaded 5-1/2° TCA w/6 EW. Press tstd 7-1/2° 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. \$DON.
- 18/9/04 POOH w/2-3/8", 4.7#, J-55 EUE, 8rd thg. 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, RUE, 8rd thg. 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" thg & 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. Fit 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 BFM. 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 6 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 9 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 6 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" cag in wash pipe. Notified Midland of results. Well flwg wtr 6 1/4 BPM. RIH w/wash pipe & DC's. POOH LD wash pipe & DC's. RIH w/OE 2-7/8" tbg. SWI & SDON.
- 10/14/04 RIH w/rods. POOH LD 114 3/4" sucker rods & 47 7/8" sucker rods. POOH LD 2-7/8", 6.5#, J-55, BUE, 8rd tbg. RIH w/OE 2-3/8", 4.7#, J-55, BUE, 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 6 4,100'. RD WL trk. RIH w/2-3/8" OE, 4.7\$, J-55, EUE, 8rd tbg. Tagged CIBP 8 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.

4:

10/21/04 RIH w/2-3/8", 4.7%, 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 JSPF @ 438'. POOH & RD WL truck. Attempted to est circ dn 5-1/2" csg & out 8-5/8" bradenhead, could not. Contacted NMOCD & 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 JSPF @ 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. RDMO PU. Cleaned location. Installed dry hole marker. Well is PA'd.

FILL: 4341' (2/16/99)

PBTD: 4354'. TD: 4390'.

WELLBORE DIAGRAM SEMGSAU #713



ELEC MTR 12 SPM x 56" SL LUFKIN C114-169-54 W/20 HP

ELEV: KB: 4096' GL: 4082' CORR: 13.5'

8-5/8" 24# J-55 STC CSG @ 388'. CMT'D W/250SX CL "C" W/2% CACL₂. CIRC 95SX TO SURF.

12-1/4" HOLE

SN, PS & 1 JT 2-3/8" TBG W/OP MAJ. 8RD TBG, 1 JT 2-3/8" IPC TBG W/TK-99, 2/22/01: 128 JTS 2-3/8" 4.7# J-55 EUE

TOC 710' (TS)

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).

7-7/8" HOLE

MARKER JT 3961'-81'

FISH 4.5 JTS 2-3/8" TBG, SN, PS

PREMIER: 4264', 65', 66', 67', 90', 95', 97', 99', 4306', 10' & 11' (11 HOLES).

5-1/2" 15.5# J-55 LTC CSG @ 4389'. CMT'D W/850SX. DID NOT CIRC CMT. TOC 710' (TS).

<u>SPUD DATE:</u> 3/24/97 <u>COMPLETION DATE:</u> 4/22/97 <u>IP:</u> P. 53 BO, 40 BW, 47 MCF (EST), 24 HRS (5/9/97). <u>APH:</u> 30-025-33868 <u>CTOC LEASE#</u> 450 FIELD: MALJAMAR GRAYBURG SAN ANDRES FORMATION: GRAYBURG PRODUCTION METHOD: ROD PMP

COUNTY/STATE: LEA COUNTY, NEW MEXICO

LOCATION: 1,700' FSL & 1,400' FEL SEC 29, T-17-S, R-33-E (UNIT J)

#ISTORY

03/24/97 NORTON RIG #7 SPUDDED 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 @ 4.380'. SET 5-1/2" 15.5# J-35 LTC CSG @ 4.389' (DRILLERS). CMTD W/850 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 GR/CCL/CNL LOG FR/4,340"-2,000' (WL PBTD 4,341').
04/03/97 PERF PREMIER SD @ 4,284", 65", 66", 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 HCJ & 16 BS DWN 5-10".

1/2" CSG @ 4 BPM & 2,500 PSIG. BALLED OUT. ISIP-2,330 PSIG, 5" SIP-2,160 PSIG, 10" SIP-

04/11/97 2,090 PSIG, 15" SIP-2,020 PSIG.
FRAC W/18,000 GAL 25# BORATE X-LINKED GUAR GELLED 2% KCI W/TR (SPECTRAFRAC G-2500) & 60,000# 12/20 BRADY SD DWN 5%" CSG @ 26.5 BPM & 3,745 PSIG (MAX). ISIP-

3,200 PSIG, 15" SIP-2,685 PSIG. CO SD FR/4,290'-4,341'.

SET LUFKIN C114-169-54 MTO'D FRISEMGSAU #706. STD WELL PPG IPP. 53 BO, 40 BW, 47 MCF, 24 HRS.

P. 37 BO, 31 BW, 24 HRS.
FOUND LOTS OF PARRAFIN ON RODS. LWRD SN FR/4151'-4241'

PMP STUCK IN SD. CO FR/4303'-4341' W/BAILER. MIRU. POH W/RODS & PMP. COULD NOT POH W/TBG.

02/2001 MIRU WL. RIH W/FREEPOINT 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/CLR LOOKING UP, SN, PERF SUB & 1 – 2-3/8" BPMA. 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. 09/28/04 F. 0 BO, 520 BW, 0 MCF, 24 HRS.

POH W/PROD EQUIP. SCALE IN PMP. TIH W/PKR & RBP. TSTD CSG FR/SURF TO 4024

0/08/04 TO 500 PSIG. HELD OK.

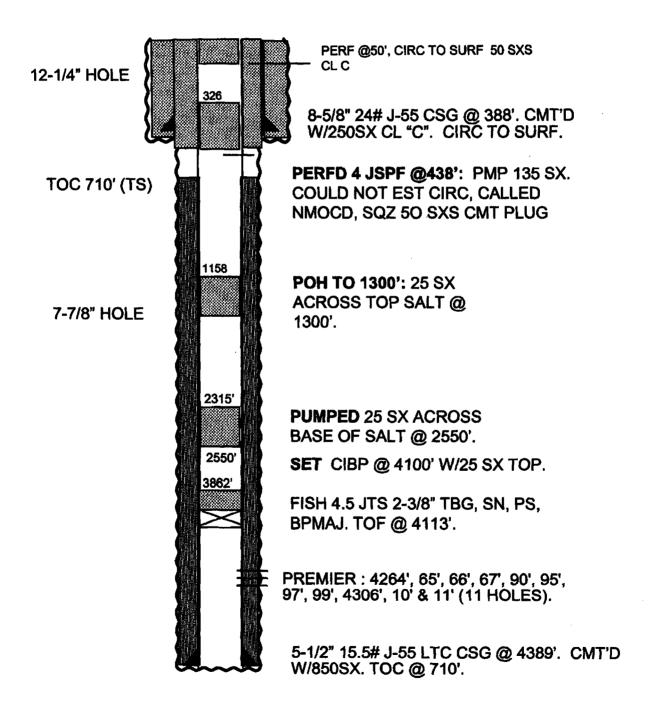
MILLED OVER FISH FR/4087-4110'. REC SCALE & FES. MILLED OVER FISH TO 4123'. SITP 1000 PSIG. F. 0.25 BPM. MILLED TO 4123'.

SITP 450 PSIG. MILLED TO 4117'. POH W/19.5' 2-3/8" TBG. MILLED TO 4128'.
SITP 375 PSIG. F. 0.25 BPM. TAGGED TOF @ 4113'. MILLED TO 4132'. REC CMT & CSG.

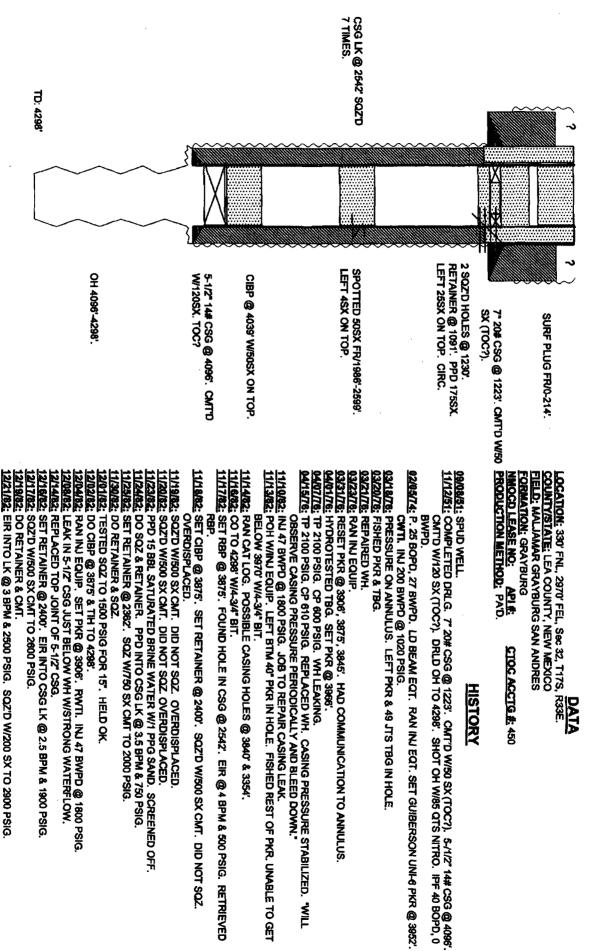
LD RODS & 2-7/8" WS. PREP TO PA WELL.

W:\WELLSKETCHES\SEMGSAU\SEMGSAU #713

SOUTHEAST MALJAMAR GRAYBURG SAN ANDRES UNIT #713 P & A



WELLBORE DIAGRAM



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

SEMGSAU #1004 WIW WELLBORE DIAGRAM

12/2482: DO RETAINER & CMT. EIR INTO LK @ 2 BPM & 3000 PSIG. SQZ'D W/200 SX TO 3000 PSIG.

12/30/82: DO RETAINER & CMT.

10/10/583: SITP 250 PSIG, 72 HRS. DO CIBP @ 3875' & CO WELL TO 4298'.

10/10/783: RAN INJ EQUIP. SET PKR @ 3875'. RWTI. INJ @ 1800 PSIG. CP INCR TO 1600 PSIG. SWII.

12/2583: LD INJ EQUIP.

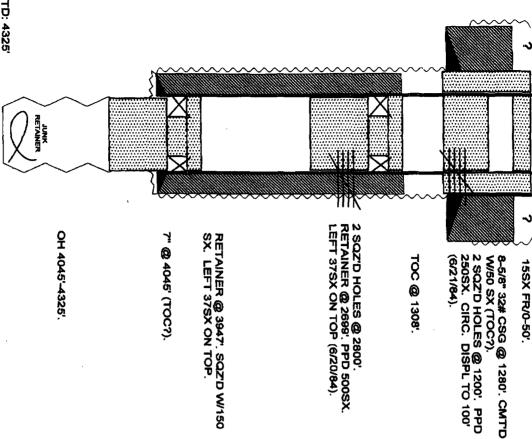
12/2683: SET CIBP @ 4039'. SPOTTED 50 SX CMT ON TOP (613'). UNABLE TO PUMP INTO LEAK @ 2000 PSIG.

12/2783: 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 PA'D.

W:\WELL SKETCHES\SEMGSAU\SEMGSAU #803 WIW

WELLBORE DIAGRAM **SEMGSAU #803 WIW**



LOCATION: 660 FNL, 1980' FEL, Sec 32, T17S, R33E.
COUNTY/STATE: LEA COUNTY, NEW MEXICO
FIELD: MALJAMAR GRAYBURG SAN ANDRES
FORMATION: GRAYBURG

02/01/44: SPUD WELL.
05/10/44: COMPLETED DRLG. 8-5/8" CSG @ 1280'. CMT'D W/50 SX (TOC?). 7" CSG @ 4045'. CMT'D W/102 SX (TOC?). 05/11/44; DRLD OH TO 4325', SHOT OH W/140 QTS NITRO. PLUGGED BACK TO 4313' TO SHUT OFF WTR. IPF 480 BOPD, 0 BWPD.
09/09/67; RAN INJ EQT. SET GUIBERSON RMC-1 PKR @ 3976'. CWTI, INJ 225 BWPD @ 1500 PSIG.
03/01/76; CANT INJ INTO WELL. SI. FORMATION: GRAYBURG
NHOCD LEASE NO: API #: GTOC ACCTG #: 450
PRODUCTION METHOD: PA'D 06/22/84.

07/01/77: RWTI 2/15/84: INJ 8 BWPD @ 1800 PSIG.

LD INJ EQUIP

1211784: SET RBP @ 3993'. TSTD CSG TO 1000 PSIG. HELD OK.
12118784: CUT OFF 8-5/8" WH. WELDED ON NEW 8-5/8" WH. "JOB TO REPAIR SOURCE OF PRESSURE ON CSG." "WO AFE 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 @ 2889'. PPD 500 SX. DID NOT CIRC. LEFT
37 SX (200') CMT ON TOP OF RETAINER.

<u>06/21/84:</u> TOC @ 1308'. PERF 2 HOLES @ 1200'. PPD 250 SX. CIRC CMT. DISPL TO 100'. <u>06/22/84:</u> PPD 15 SX CMT FR/0-50'. WELL PA'D.

WELLBORE DIAGRAM SEMGSAU #902 WIW

LOCATION: 3300' FINL & 990' FEL, SEC 32, T-17-S, R-33-E CORR: 10' (EST) 4086 ELEV: KB: 4076': (EST)

FIELD: MALJAMAR (GRAYBURG/SAN ANDRES) COUNTY/STATE: LEA COUNTY, NEW MEXICO

COMPLETION DATE: 5/10/51 FORMATION: GRAYBURG/SAN ANDRES SPUD DATE: 2/13/51 COMPLETION DA

CSG LK FR/O'-1040'. SQZ'D HOLES @ 1200'. SQZ'D W/50SX. TAGGED @ 1060'.

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

50SX CMT

SQZ'D HOLES @ 60'. CIRC CMT TO SURF & FILLED CSG W/CMT.

CTOC WELL #: 450 <u>IP:</u> NMOCD LEASE #: 003355 API #: 30-025-PRODUCTION METHOD: PA'D

2213/51: SPUDDED WELL.

15/10/51: COMPLETED WELL, SHOT 4289'-4313' W/85 QTS NITRO. IPP. 50 BOPD.

<u>08/26/77;</u> SET CIBP @ 4005' & DMP 4SX CMT. <u>08/27/77;</u> RAN RODS, PMP & TBG BACK IN WELL. TA.

03/00/81; RE-ENTERED. TST 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.

11/20/91: CONVERT TO WIW.

19/19/194: RAN STEP RATE TEST. (TIGHT SPOTS @ 2703' & 3544'). <u> 18/21/92:</u> RAN FALLOFF TEST

10/05/84: NMOCD INCR MAX PRES TO 1825 PSIG.

06/21/86: 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.

10/10/86: TP 1200 PSIG. EIR INTO TCA @ 1.0 BPM & 300 PSIG. NMOCD WITNESSED. RWTI.

11/22/96: SWI PER NMOCD.

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

30SX CMT FR/2650'-2850'

SITP 450 PSIG. SICP 0 PSIG. DN. FLWG. 75 BPM.

09/05/01: 09/06/01:

POH W/NJ EQUIP. SET CIBP @ 3920'. PPD 25SX CMT FR/3675-3920'. CSG LKS ISOLATED FR/0-1040'. CSG TSTD FR/1040'-3673'. PERF'D SQZ HOLES @ 2800'. UNABLE TO EIR @

1800 PSIG. PPD 30SX CMT FR/2650'-2850'

99/07/01; TAGGED @ 2650'. PERF'D & SQZ'D HOLES @ 1200'. SQZ'D 50SX INTO SQZ HOLES. TAGGED @ 1060', PERF'D SQZ HOLES @ 60'. CIRC 35SX CMT FR/60' TO SURF. FILLED CSG

W/CMT TO SURF.

09/11/01: CUT OFF WH & WELDED CAP 3' BELOW GL. INST P & A MARKER. BF PIT & CLEARED LOC.

CIBP @ 3920.

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

W:\WELLSKETCHES\SEMGSAU\SEMGSAU #902 WIW

PBTD @ 4500' TD @ 4500'

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OF THE SELECT OF THE POPULATION OF THE POPULATIO	RY NOTICES AND REPORT TO THE PROPERTY OF THE P	EPORTS ON WELLS	IFFERENT RESERVOIR. LS.)		
I. OIL E GAS WELL E	OTHER.			7, Unit Agreemen SMGSAU	\ i
2. Name of Cper stor				8. Farm or Lease	liame
Cities Service Oil	Company			Tract	9 \
3. Address of Operator				9. Well No.	7
Box 4906 - Midla	nd, Texas 7970]	<u> </u>		4	
4. Location of Well				It. Eteld and Fo	
UNIT LETTER,	660 PEET FROM THE	North	MD	Maljamar Maljamar	(G-SA)
THE LINE, SECT	10H TOWN	17S RA	33E	- нмрм.	
	15. Elevation	(Show whether DF, RT, C	GR, etc.)	12. County	
Manaille				Lea	<u>ummi</u>
Check	Appropriate Box To	o Indicate Nature o	f Notice, Report	or Other Data	
NOTICE OF I	NTENTION TO:		SUBSEC	QUENT REPORT OF:	•
		<u></u>	,	_	
PERFORM REMEDIAL WORK	PLUG ANI	D ABANDON REMEDIA	7	₩	RING CASING
TEMPORABLLY ABANDON		<u></u> ;	CE DRILLING OPHS.	PLUS .	AND ABANDONMENT DE
PULL OR ALTER CASING	SHANGE	PLANS L CABING 1	EST AND CEMENT JOS		
		OTHE	t <u></u>		<u></u>
OTHER .					
17, Describe Proposed or Completed C	perations (Clearly state a	il pertinent details, and a	rive pertinent dates, in	cluding estimated date of	stating new mean and
work) SEE RULE 1103.			, ,	described and of	oranical any projection
Whis well was plussed	and abandoned to	. +b #allandur			
This well was plugged	and analidoned ti	r the lottowing	manner:		
1. MIRU pulling unit	and mulled made	and tubing			
2. Loaded hole with m		and conting.			
3. Set a CIBP in 7" c		dummed a 7 arr ar		ton of CIPD A 3	9071 28161
4. Shot and pulled 74	34 c 2031 21 min (7 th OD costac	ement brug on	tob of cres 6 2	109T - 3040 .
5. Displaced a 45 sx	00mont mlna 1/2	in and 1/2 aut	ae 711 aa- a4.	1 A 00651 016	ie i
6. Displaced a 45 sx	cement plug 1/2	in and 1/2 out	of 0.5/8" and	m & 550) = 510	10501
This plug also cov			01 9-5/0 688	8 8006 & 1230	1270.
7. Set a 15 sx cement	g wild cob or i	CHE SALTE.	a lift dame holo	mankan autandin	m 11
above the surface			a 4 dry noie	marker extendin	18 4
8. Location will be c				0564 on 1411 ha	
for final inspecti	Teafer of aff er	furfumente sud dei	orts and your	Ollice will be	noctited
101 IIIIai Inspecti	0				
18. I hereby centify that the information	n above is true and comple	ate to the best of my know	viedge and belief.		
\mathbf{S}^{\prime}	Z_{-1}^{\prime}				
SIGNED	ac.u.	Region Region	Oper. Mgr.	Jul	y 10, 1973
	7				
(II).	W.				3/3
APPROVED BY	unyan	TITLE		DATE	الله أوالي
CONDITION OF APPROVAL, IF AN					
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WELLBORE DIAGRAM



LEASE:	SCOTTLEAST MALE	MININI SAM	NUNES CIAI	LIELD NAME:	MALJAMAK SAN ANDRES
WELL#	904	PERMIT#		AP1#:	30-025-01357
SECTION LINES:	660' FNL & 660' FEL		PMT DATE	LEASE #:	
LEASE LINES:				POOL#:	
SEC-BLK-TWN-RNG	A - 32 - 178 - 33E			SPUD DATE:	3/29/1946
COUNTY:	LEA	·		COMP DATE:	7/24/1946
STATE:	NM			GL	
				DF	
				KB	
ORIGINALLY SHELL-S		-			L PLUGGED AND ABANDONED
15 SXS CMT ON TOP	F/30' TO SURF			7/70/1973 B1	Y CITIES SERVICE CO.
SH	OT & PULLED 2215' 7" C	sc		HOLE SIZE:	11_
				SURF CSG.:	8 5/8*
				DEPTH:	1300
				SXS CMT:	60
45	SXS CMT PLUG 1350-12	250			
				1101 5 0175	0.014
	AVA 04 =			HOLE SIZE:	
45	SXS CMT PLUG 2265-21	85		PROD CSG.:	7" 23#
				DEPTH:	3943
				SXS CMT:	100
PLL	JG TOP OF CIBP 3891-38	46 7	sxs		
	CIBP @ 3891				
TD	4306	4			•
	_		-		

PREPARED BY: LYN MARR /REGULATORY SPEC.

			;							
NUMBER OF COL								No.		
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U.S.G.S			╡ '							(Rev 3-55)
THANHPORTER	343		7	MISCEL	LANE	OUS RE	PORTS O	N WELLS		
GRENATOR	FICE		- (Subn	it to approp	riate Di	Assi olds	de Per Man	missign Ru	l o 1106)	1
Name of Com	DADV						5 Citises			
	James	P.	Dunigan				dlene. T			
Lease C	rper-Stat	te .		Well No.	Unit Le	etter Sectio	n Township	17 8	Range	33 E
Date Work Pe	rformed		ool	• •	1		ICaman.	~8		
	7-13-61			rbin Abo	OF. 10	la di secono	<u> 1 </u>	//		
[] Bacioni	ng Drilling Op	erations		S A REPORT			Other (E	Prolaint		
Pluggia				emedial Work		. ,	out (
		200 000	are and quantity			d combo ob	ained			
		-			-			ment fro	m tot	al depth of
										tted 25 sacks
			from 695							
										35 sacks of
			om 2940-2	_				_		
_								_		ks regular no
coment	from 1200	-116	D. Spotted	25 sack	s regu	lar neat	coment	from 330	-2901	. Spotted
10 sacks	regular	nest .	sement in	top of su	rince	casing.	Will lev	el locatio	bas ac	erect
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	bis well.							•	•	
Witnessed by	Albert I	Diese		Position	ne elet	ondent	Сопреду	- Deillin	a Com	pany, inc.
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			FIEL IN DE			LL DATA	EFURISO	NLI		
D F Elev.		TD		PBT	D		Producing	Interval	Cor	npletion Date
Tukina Diam		<u> </u>	Tubica Danah		To	I Carl - Dia-		lou e-		
Tubing Diam	eret.	- 1	Tubing Depth		101	I String Diam	eter	011 20	ring Dept	b
Perforated In	terval(s)									
Open Hole In	terval				Pr	oducing Fore	nation(s)			
 			· · · · · · · · · · · · · · · · · · ·	RESUL	TS OF 1	VORKOVER				
Test	Date of		Oil Production	on Gag	Productic	Water	Production	GOI		Gas Well Potential
Before	Test		BPD	M	CFPD		BPD	Cabic fee		MCFPD
Morko ver Detote										ĺ
After Workover										
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					Т	I hereby cerr	ify that the is	oformation ei	ren above	is true and complet
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Appended by			ION COMMISSIO	DN		to the best o	ify that the is	oformation gives	ven above	is true and complet
Approved by			TON COMMISSION	ON F.		I hereby cent to the best o	f my knowled	go.		is true and complete
Approved by	Jest		TON COMMISSION	on ments	2	lame lame	my knowled	se. Sell		is true and complete
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LAND OFFICE		
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NEW MEXICO OIL CONSERVATION COMMISSION

FORM C-103

(Rev 3-55) MISCELLANEOUS REPORTS ON WELLS (Submit to appropriate District Office as par Commission Rule 1106) Address 415 Citizens National Bank Building Name of Company James P. Dunigan Abilene, Texas Well No. Unit Letter Section Township Lease Range Carper-State 32 33 E Date Work Performed Pool County Lea Corbin Abo 6-17-61 THIS IS A REPORT OF: (Check appropriate block) Casing Test and Cement Job Beginning Drilling Operations Other (Explain): Remedial Work Plugging Detailed account of work done, nature and quantity of materials used, and results obtained. Ran 2915' of \$ 5/8" O.D. 24# & 32# new casing. Set at 2915 and comented with 250 eacks of regular neat coment. Let coment set for 36 hours. Drilled out coment and drilled to 2930'. Pressured casing up to 1500 PSI. Pressure held for 30 minutes without decreasing. Witnessed by Position Company Bubba Spears James P. Dunigan Agent FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY ORIGINAL WELL DATA DF Elev. TD PBTD Producing Interval Completion Date Tubing Depth Oil String Diameter Tubing Diameter Oil String Depth Perforated Interval(s) Open Hole Interval Producing Formation(s) RESULTS OF WORKOVER Water Production BPD Oil Production Gas Production Gas Well Potential Date of GOR Test MCFPD BPD Cubic feet/Bbl Test MCFPD Before Workover After Workover I hereby certify that the information given above is true and complete OIL CONSERVATION COMMISSION to the best of my knowledge. Approved by Title Position Superintendent Date James P. Dunigan

NUMBER OF COPIE	RECEIV	E 0		
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SANTA FE				
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LAND OF FICE				
	OIL			
TRANSPORTER	943		.	
PHORATION OFFI	CE		\Box	
OPERATOR			T	

Charles 171

NEW MEXICO OIL CONSERVATION COMMESSION Senta Fe, New Mexico

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WELL RECORD

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			_	TUPLICATE	If State Land	summit a Cobi		CATE WELL CORR	BOTLY
James	P. Dur	(Comp	any or Operat			*******************************	(Larpe	r-State	
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					Company. I				,
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	ove sea level				<u> </u>	The in	formation given is	to be kept conf	idential ur
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size	WEIG PER F	n l		to	CASING RECOR				POSE
SIZE.	WEIG PER P	HT OOT	NEW OR USED	AMOUNT	CASING RECOR	ED CUT AND	feet	8 PUR	POSE
SIZE.	WEIG	HT OOT	New OR	to	CASING RECOR	ED CUT AND	feet	s rue Surfac	POSE
size 11 3/4	weig FER F	HT OOT	New OR	AMOUNT 315	CASING RECOR	CUT AND PULLED FROM	feet	s rue Surfac	POSE
size 11 3/4	weig FER F	HT OOT	New OR	AMOUNT 315	CASING RECOR	CUT AND PULLED FROM	feet	s rue Surfac	POSE
size.	weig FER F	HT OOT	New OR	AMOUNT 315 2915	CASING RECOR	CUT AND PULLED FROM	feet	s rue Surfac	POSE
SIZE 11 3/4 8 5/8	WEIG FER # 28 24# & 24# &	BT OOT #	New OR USED	315 2915 MUDDING	CASING RECOR	CUT AND PULLED FROM 2010 NG BECORD	PERPORATION	Surface Intern	rose :e nediate
SIZE 11 3/4 8 5/8	WEIGFER F	BT OOF	New OR USED	AMOUNT 315 2915 MUDDING NO. BACKS OF CREENT	CASING RECOR	CUT AND PULLED FROM 2010 NG BECORD	PERFORATION	s rue Surfac Intern	rose :e nediate
SIZE 11 3/4 8 5/8	WEIGFER P 28 24# & BIXE OF CASING 11 3/4	32# 32#	New OR USED New New New Series	315 2915 MUDDING	CASING RECORER TO SHOE Town, Patt. Hall AND CEMENTS WETHOR USER	CUT AND PULLED FROM 2010 ING RECORD	PERPORATION	Surface Intern	rose :e nediate
SIZE 11 3/4 8 5/8	WEIGFER F	32# 32#	New OR USED New New New Series	AMOUNT 315 2915 MUDDING NO. BACES OF CREENY 275	CASING RECOR	CUT AND PULLED FROM 2010 ING RECORD	PERPORATION	Surface Intern	rose :e nediate
81ZE 11 3/4 8 5/8 81ZE OF HOLE	WEIGFER P 28 24# & BIXE OF CASING 11 3/4	32# 32#	New OR USED New New New Series	AMOUNT 315 2915 MUDDING NO. BACKS OF CEMENT 275 250	CASING RECOR	PULLED FROM 2010 NG RECORD	PERPORATION MUD MANUTY	Surface Intern	rose :e nediate
SIZE 11 3/4 8 5/8	WEIGFER P 28 24# & BIXE OF CASING 11 3/4	32# 32#	New OR USED New New New Series	AMOUNT 315 2915 MUDDING NO. BACKS OF CEMENT 275 250	CASING RECORER TO SHOE Town, Patt. Hall AND CEMENTS WETHOR USER	PULLED FROM 2010 NG RECORD	PERPORATION MUD MANUTY	Surface Intern	rose :e nediate
81ZE 11 3/4 8 5/8 81ZE OF HOLE	WEIGFER P 28 24# & BIXE OF CASING 11 3/4	# 32# # 32# Windows	New OR USED New New Series Ser	MUDDING NO. SACES OF CEMENT 275 256 RECORD OF	CASING RECOR	CUT AND PULLED FROM 2010 NG BECORD Ug NG STIMULA	PERFORATION MUD RAVITY	Surface Intern	rose :e nediate
SIZE 11 3/4 8 5/8 8 5/8 8 1ZE OF HOLE 17 1/2	WEIGFER # 28 24# &	# 32# # 32# William Wi	New OR USED New New Series 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	MUDDING No. SACES OF CEMENT 275 250 RECORD OF Process used, N	CASING RECORDER TO SHOE SHOE TEX, Patt. Hall AND CEMENT! METHOD USED Pump & Pl Pump & Pl	CUT AND PULLED FROM 2010 NG RECORD Ug lug ND STIMULA:	MUD RAVETY TION treated or shot.)	Surface Intern	rose :e nediate
SIZE 11 3/4 8 5/8 8 5/8 8 5/8 17 1/2 17 1/2	WEIGFER # 28 24# &	# 32# # 32# William Wi	New OR USED New New Series 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	MUDDING No. SACES OF CEMENT 275 250 RECORD OF Process used, N	CASING RECORDER TO SHOP SHOP SHOP SHOP SHOP SHOP SHOP SHO	CUT AND PULLED FROM 2010 NG RECORD Ug lug ND STIMULA:	MUD RAVETY TION treated or shot.)	Surface Intern	rose :e nediate
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SIZE 11 3/4 8 5/8 8 5/8 8 1ZE OF HOLE 17 1/2	WEIGFER # 28 24# &	# 32# # 32# William Wi	New OR USED New New Series 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	MUDDING No. SACES OF CEMENT 275 250 RECORD OF Process used, N	CASING RECORDER TO SHOP SHOP SHOP SHOP SHOP SHOP SHOP SHO	CUT AND PULLED FROM 2010 NG RECORD Ug lug ND STIMULA:	MUD RAVETY TION treated or shot.)	Surface Intern	rose :e nediate
SIZE 11 3/4 8 5/8 8 5/8 8 1ZE OF HOLE 17 1/2	WEIGFER # 28 24# &	# 32# # 32# William Wi	New OR USED New New Start Star	MUDDING NO. SACES OF CEMENT 275 256 RECORD OF Process used, N and has be	CASING RECORDER TO SHOP SHOP SHOP SHOP SHOP SHOP SHOP SHO	CUT AND PULLED FROM 2010 NG RECORD Ug lug ND STIMULA: used, interval	MUD RAVETY TION treated or shot.)	Surface Intern	rose :e nediate
SIZE 01 8 5/8 SIZE 07 HOLE 17 1/2	BIXE OF CASING 11 3/4 8 5/8	32# 32# 31 2910	New OR USED New New SET 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	MUDDING NO. BACKS OF CEMENT 275 250 RECORD OF Process used, N	CASING RECORDER TO SHOE SHOE TEX, Patt. Hall AND CEMENT! METHOD USED Pump & Pl	CUT AND PULLED FROM 2010 NG RECORD Ug lug ND STIMULA: used, interval and abando	MUD RAVETY TION treated or shot.)	Surface Intern	rose ce nediate



WELL PLUGGED 7-1-61

WELLBORE DIAGRAM

LEASE:	CARPER-STATE		WELL:	1	FIELD:	MALJAMAK:GRAYBUKG-SAN ANDRES	API:	50-025-01354
LOC:	2310' FNL & 1650' FWL		SEC:	32				
T/R	UNIT D 17S 33E		GL:	4057	CTY/ST	LEA NEW MEXICO	SPUD:	
CURRENT	STATUS:	PA	_		_		TD DATE:	
			•		•		COMP DATE:	
							_	

16 SXS 25 SXS 330-290' 25 SXS 1200-1160 25 SXS F/2010-1970'

25 SXS 2940-2860'

8 5/8" OD CSG CUT OFF

2010'

25 SXS 4200-4120'

25 SXS 6950-6870'

25 SXS 8420-86401

25 SXS 8729-8809 TD

TD:

HOLE SIZE:

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

BY: LYN MARR 8/24/2006

		NEW WEXICO	OIL CO	NSERYAT	IIÓN C	OMMISSIO)N		FORM C-103 (Rev 3-55)
		MISCELL	ANEOUS	REPOR	TS ON	WENTER	es or	FICE DOM	(UA4 0\m22)
	(Submit to appropria					ie 1106	}	
Name of Company	,	ing Company, in	ne.	Address	a 	tesla, No	23	rice	16
Lease Carps	r-State "A"	¥.		Unit Letter	32	Township 17		Range	33 E
Date Work Perform	med 6-15-62	Pool Ma	limer			County		Leo	
		THIS IS A	REPORT	OF: (Check d	1ppropria	te block)			
Beginning I	rilling Operation	ns Casi	ng Test and	Cement Job		Other (E:	xplain):		
Plugging		Reme	edial Work						
Well was p 15 15 15 20 10 Verbal app Vincent Fo	layged and a Sucks neat a Sucks neat a Sucks neat a Sucks neat a Sucks neat a revul for plu star = May 2	nament 3720° coment 2540° coment 1428° coment w/snarker	tuld enan 4386° 3460° 2500° 1372° r et surfei						as follows
Witnessed by C.	E. Sterm								
			Position					ng Compa	ny, in e.
r		FILL IN BELO	Prod. S	EMEDIAL W	ORK R	Curper		ng Compa	ny, inc.
D P E'		FILL IN BEL	Pred. S OW FOR RI ORIGIN	EMEDIAL W	ORK R	Carper EPORTS ON	VLY		
D F Elev.	TD	FILL IN BELO	Prod. S	EMEDIAL W	ORK R	Curper	VLY		my, inc.
D F Elev. Tubing Diameter	T D	FILL IN BELO	Pred. S OW FOR RI ORIGIN	EMEDIAL W	ORK R	EPORTS On Producing	VLY Interva		empletion Date
			Pred. S OW FOR RI ORIGIN	EMEDIAL W	ORK RE	EPORTS On Producing	VLY Interva	I Co	empletion Date
Tubing Diameter	al(s)		Pred. S OW FOR RI ORIGIN	Oil Strig	ORK RE	Cerper E PORTS On Producing	VLY Interva	I Co	empletion Date
Tubing Diameter	al(s)		Fred. S	Oil Strig	ORK RI	Cerper E PORTS On Producing	VLY Interva	I Co	empletion Date
Tubing Diameter Perforated Interv	al(s)		Prod. S OW FOR R! ORIGIN PBTD PBTD	Oil Strig	ORK REDATA ng Diame ng Forma COVER	Cerper E PORTS On Producing	Interva	I Co	empletion Date
Tubing Diameter Perforated Interv Open Hole Interv	al(s) al Date of	Tubing Depth Oil Production	Prod. S OW FOR R! ORIGIN PBTD PBTD	Produci	ORK REDATA ng Diame ng Forma COVER	Corpor E PORTS On Producing ster ation(s)	Interva	I Co	empletion Date th Gas Well Potential
Tubing Diameter Perforated Interv Open Hole Interv Test Before:	al(s) al Date of	Tubing Depth Oil Production	Prod. S OW FOR R! ORIGIN PBTD PBTD	Produci	ORK REDATA ng Diame ng Forma COVER	Corpor E PORTS On Producing ster ation(s)	Interva	I Co	empletion Date th Gas Well Potential
Tubing Diameter Perforated Interv Open Hole Interv Tent Before: Workover	al(s) al Date of Test	Tubing Depth Oil Production	Prod. OW FOR R! ORIGIN PBTD RESULT Gas P. M.C.	Produci Produci FPD I here	ORK RIDATA og Diame og Forma COVER Water F	Producing Producing ation(s) Production Production	Laterva O Cubic	I Co	empletion Date th Gas Well Potential
Tubing Diameter Perforated Interv Open Hole Interv Test Before, Workover After	Date of Test Oil Conserv	Oil Production BPD	Prod. OW FOR RI ORIGIN PBTD RESULT Gag P MC	Produci Produci FPD I here	ORK RIDATA og Diame og Forma COVER Water F	Producing Producing ation(s) Production Production Production Production	Laterva O Cubic	I Co	Gas Well Potential
Tubing Diameter Perforated Interv Open Hole Interv Tent Before Workover After Workover	Date of Test Oil Conserv	Oil Production	Prod. OW FOR RI ORIGIN PBTD RESULT Gag P MC	Produci Produci S OF WORK To the to the	ORK RIDATA ORK RIDATA OR OR OR RIDATA OR OR OR RIDATA OR O	Producing Producing exter Production Production Production PD	Laterva O Cubic	I Co Dil String Dep	Gas Well Potential

API: 30-025-01343



CARPER - STATE "A"

TD:

WELL:

WELLBORE DIAGRAM

FIELD: MALJAMAR:GRAYBURG-SAN ANDRES

CIRC:

LOC:	2310' FNL & 1650' FWL	SEC:	32			
T/R	17S 33E	GL:	4057	CTY/ST LE	A NEW MEXICO	SPUD:
CURREN'	T STATUS:	PA				TD DATE:
				-		COMP DATE:
	10 SXS NEAT CMT				HOLE SIZE:	11"
		1 1]]	SURF CSG & SIZE:	8.625 24#
Fresh W	VATER	1 1		1 1	SET @:	1402
DEPTH:]]			SXS CMT:	300
	20 SXS 1428'-1372'				CIRC:	YES
	15 SXS 2540'-2500'					
	15 SXS 3720'-3680'				HOLE SIZE:	8"
					PROD, CSG & SIZE:	4 1/2" 10.5#
	15 SWC 4490 49801	. [Í	SET @:	4602
	15 SXS 4420-4380'	ma 1-4530.	range bisklande biska	, c	SXS CMT:	250

BY: LYN MARR 8/24/2006

CONDITIONS OF APPROVAL, IF ANY:

FILE	NEW MEXICO OIL CONSERVATION COMMISSION	Form C-103 Supersedes Old C-102 and C-103 Effective 1-1-65
U.S.G.S.		State X Fee
OPERATOR	•	5, State Oil & Gas Lease No.
SUNDRY NOTICE (DO NOT USE THIS FORM FOR PROPOSALS TO DE USE "APPLICATION FOR PERM	ES AND REPORTS ON WELLS RILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR.	
1. OIL GAS OTHER-	Plugged well	7. Unit Agreement Name
2. Name of Operator Cities Service Company		8. Form or Lease Name COCKBURN STATE
3. Address of Operator Box 1919 Midland, TX	79702	9. Wail No.
4. Location of Well	North 660	10. Field and Pool, or Wildcat Maljamar-GBSA
•	17C 33F	мем.
	5. Elevation (Show whether DF, RT, GR, etc.)	12. County Lea
Check Appropriation	te Box To Indicate Nature of Notice, Report of Subsequ	r Other Data JENT REPORT OF:
PERFORM REMEDIAL WORK	PLUG AND ABANDOM REMEDIAL WORK	ALTERING CASING PLUG AND ABARDONMENT
PULL OR ALTER CASING	CHANGE PLANS CASING TEST AND CEMENT JOB	e-enter & re-plug
от нея	OTHER	e check a to play
17, Describe Proposed or Completed Operations (Cl. work) SEE RULE 1603.	early state all pertinent details, and give pertinent dates, incl	uding estimated date of starting any proposed
T.D. 4473'.		
SEE ATTACHMENT:		
•		
	•	
18. I hereby certify that the information above is tru	e and complete to the best of my knowledge and belief.	
SIGNED Definition	TITLE Region Oper. Mgr.	DATE 3/18/80
800 5	OIL' & GAS INSPEC	TOR NUL 15 1980

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

The Cockburn State A #1 wad drld 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. & 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 quide, 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 & 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.

API: 30-025-01351



COCKBURN ST

1650' FNL & 1650' FEL

WELL:

SEC:

LEASE:

LOC:

<u>WELLBORE DIAGRAM</u>

FIELD: MALJAMAR:GRAYBURG-SAN ANDRES

T/R	UNIT G	17S 33E	GL:	CTY/ST LEA	NEW MEXICO	SPUD:
CURRENT	STATUS:		PA			TD DATE:
	•				<u> </u>	COMP DATE:
	WELL PI	LUGGED 2/12/80 B	Y CITIES SERVICE			
				198	HOLE SIZE:	
	SHOT 2 S	QZ HOLES 7"				
	AT 250' I	PMPD 375 SX CMT				
	CIRC 5 S	X 7" FULL OF CM	T	SHOT 2 S	QZ HOLES 7" CSG @1150'	
			-		SURF, PMP 500 SXS DWN 7" TO	1050' 100' ABOVE SQZ HOLES
	TEMP SV	Y TOC @1250'		1	DISP 480 SXS OUT SQZ HOI	
					TEM SVY TC @925'	
	RTNR 13	05'		4.4		
	CMT W/S	500 SX CL C 490 S	XS IN F			
			and the second	2 SQZ HO	LES TOP OF	
				SALT @13	340'	
	RAN GR/	CCL/CBL 3442-119	50'			
				TOP OF CMT	@29161	
	CIBP @3	475' 7 SX CMT TO	3440'			
				1	HOLE SIZE:	
			district a state of the second	with a trib	PROD. CSG & SIZE:	7"
		500' 35' CMT	K. M		SET @:	3912'
	ON TOP	CIRC			SXS CMT:	
			. •	ſ		
PBTD:		3912		1		
777D.				l l	CIRC:	
TD:		4500		17		·

BY: LYN MARR 8/24/2006

• •		• •
NO. OF COPIES RECEIVED	·	Form C-103
DISTRIBUTION		Supersedes Old
	CO OIL CONCEDUATION COMMISSION	C-102 and C-103
FILE NEW MEAN	CO OIL CONSERVATION COMMISSION	Effective 14-65
u.s.g.s.		5a, Indicate Type of Lease
LAND OFFICE		State K Fee
OPERATOR		5. State Oil & Gas Lease No.
OFERRIOR		B-5310
SUNDRY NOTICES AND DE	EDODTS ON WELLS	
SUNDRY NOTICES AND RECOGNIZED TO BE USE THIS FORM FOR PROPERTY OF THE USE "APPLICATION FOR PERMIT -" (FORM	EPUR 13 UN WELLS	
1.	C-IDIT FOR BUCH PROPOSALS.)	7. Unit Agreement Name
OIL X CAB OTHER-		
2, Name of Operator		8. Form or Lease Name
Cities Service Company		STATE CB
3. Address of Operator		9. Well No.
Box 1919 Midland, TX 797	0.2	5
4. Location of Well		10. Field and Pool, or Wildcat
G 1650	North LINE AND 1650	Corbin
UNIT LETTER G , 1030 PEET PROM THE	LINE AND TOSU PEET PROM	mmmmmmm
East 32	17S 33E	
THE EAST LINE, SECTION 32 TOWN	SHIP 1/5 RANGE 33E HMPM.	
15, Elevation	(Show whether DF, RT, GR, etc.)	12. County
	,	Lea
16. Charles American Barrier	T 3' - 33 - 433 - 5 - 5 - 64	
	Indicate Nature of Notice, Report or Oth	
NOTICE OF INTENTION TO:	SUBSEQUENT	REPORT OF:
		Ст.
	ABANGON REMEDIAL WORK	ALTERING CASING
TEMPORARILY ABANDON	COMMENCE DRILLING OPHS.	PLUG AND ABANDONMENT
PULL OR ALTER CASING CHANGE I	LANS LI GABING TEST AND CENTHY JOS	
	OTHER	
OTHER		
17. Describe Proposed or Completed Operations (Clearly state a	ll pertinent details, and give pertinent dates, including	estimated date of starting any proposed
work) SEE RULE 1103.		
SEE ATTACHMENT		
SEE ATTACHMENT		
18. I hereby certify that the information above is true and comple	ste to the beat of my knowledge and bblief.	
18. I hereby certify that the information above is true and comple	ste to the best of my knowledge and bblief.	
18. I hereby certify that the information above is true and complete the second comple		PAYS 2/12/80
18. I hereby certify that the information above is true and complete the second comple	TITLE Region Oper. Mgr.	DATE 2/12/80
18, I hereby certify that the information above is true and complete the second comple	TITLE Region Oper. Mgr.	
18. I hereby certify that the information above is true and complete the second		DATE 2/12/80 DATE JUL 15 1980
18. I hereby certify that the information above is true and completed and complete	Region Oper. Mgr.	JUL 15 1980
APPROVED BY Edder Serry	TITLE Region Oper. Mgr.	JUL 15 1980

Corpore?

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

TD 4500', PBTD 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).

page 2

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.

NO. OF COPIES ACCEIVES	•			Form C-103		
DISTRIBUTION				Supersedes Old C-102 and C-103		
SANTA FE	NEW MEXICO OIT	L CONSERVATION COMMISSIO	N	Elizative 1-1-65		
FILE	1		-			
U.S.G.S.]	50. Indicate Type of Leas	·•	
DERATOR	ł		l F	State (I. 6 Cas Lease	1 60	
OPERATOR	J			B-5310	· 140.	
SUNDA	RY NOTICES AND REPOR	TS ON WELLS	VO18.			
OIL X BAT WELL	OTHER.			7. Utat Agreement Hame	*******	
1. Nume of Operator				8. r urm or Lease Hame		
Cities Service 011 and	i Gas Corporation			State CB		
P. O. Box 1919 - Mid1	and, Texas 79702	•		2		
4. Location of Well				10. Field and Pool, or W	ilseat	
UNIT LETTER G	2310 PEET PROM THE N	orth Line And 1700	FEET FROM	Corbin Abo		
Page	32	17S 33E				
THE East LINE. SCET	10H 32 TOWNSHIP_	1/5 RANGE JJE	имем.			
	15. Elevation (Show	whether DF, RT, GR, etc.)		12. County	HHH.	
	4250' DF			Lea		
16. Check	Appropriate Box To Indi	icate Nature of Notice, Re	port of Oth			
	NTENTION TO:	•	-	REPORT OF:		
					_	
PERFORM REMEDIAL WORK	PLUG ANG ABAN	DON REMEDIAL WORK		ALTERING CAS	ING	
TEMPORARILY ASABOOM		COMMENTE DRILLING OPH		PLUG AND A #A+	DONMENT X	
PULL OR ALTER CASINS	CHANGE PLANS	CASING TEST AND CEMEN	7 AQE []		~	
OTHER		OTHER			——- <u>L</u>	
17. Describe Proposed of Completed (work) SEE RULE 1103.	perations (Clearly state all pert	inent details, and give pertinent di	stes, including	estimated date of starting	any proposes	
O.T.D. 8780', PBTD 8770	'. This well was pl	lugged and abandoned :	in the fol	llowing manner:	•	
1. MIRU Pulling U	nit, ND WH, NU BOP,	released tubing anche	or and pu	lled tubing.		
		pen ended tubing to 80 on top of CIBP set @ 8			ıd laden	
3. Spotted a 25 s	ack cement plug @ 63	234-59851. POOH to 39	93'.			
4. Spotted a 25 s	ack cement plug @ 39	993-3743'. POOH w/tub	ing.	·		
. 5. Cut off 4-12" c	asing @ 3068' and PG	юн.				
6. 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 4-1/4" casing stub @ 3068'. POOH w/tubing.						
7. RIH w/open ended tubing and tagged top of cement plug @ 3019*. Spotted a 75 sack cement plug @ 3019-2719*. POOH w/tubing.						
8. Cut 8-5/8" casing @ 386' and POOH.						
9. RIH w/open end plug @ 443-143	ed tubing and loaded.'. in and out of the	d hole w/mud laden fi e 8-5/8" casing stub	uid. Spot @ 386. PO	ted a 120 sack of the to 56'. (Cont	ement	
12. I nerepy certify that the information					- vii vat	
sieres Elmes!	Start.	Reg. Opr. MgrPr	od.	2475 11-18-6	83	
David	Catanal .	OIL & GAS INS	SPECTO	R APR %	1984	
CONDITIONS OF APPROVAL, IF A						

- 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.

NOY 21 1983

APPROVED BY DISTRICT &	UPSRVISOR TITLE		DATE
ORIGINAL SIGNED	BY JERRY SEXTON		2Fh 5a 1a83
elanes Elmen	Startz mis MA	GION OPERATIONS ACTION S NAGER - PRODUCTION S	2/20_83
18. I hereby certify that the informati	on above is true and complete to the best	of my knowledge and belief.	Same and the same and the same
 Weld on lift nipp POOH & LD casing. 	ole & PU 8-5/8" csg. Run		-5/8" csg. @ approx. 1400'.
3050'-2850', 1/2 the 8-5/8" csg sh	in & $1/2$ out of the $4\frac{1}{2}$ " cooe @ 2897', across the to	sg. stub @ approx. 300 p of the Seven Rivers-	Queen. POOH.
or wherever free.	eld on lift nipple, run fr . POOH & LD casing		•
across the top of	ately 4000'. Spot a 10 -sa f the Grayburg-San Andres.	POOH.	•
 RIH with CIBP on a 5 sack cmt. plu formation. 	tubing. Set CIBP @ 8630'	. Circ. hole with mud c. 8630' - 8580', acros	l laden fluid. Spot s the top of the ABO
,	Ith rods and pump. ND WH		_
OTD 8780', OPBTD 8770 manner:)'. It is proposed to plu	ng and abandon this wel	l in the following
17. Describe Proposed or Completed (work) SEE RULE 1 (03.	Operations (Clearly state all pertinent deta	sils, and give pertinent dates, includi	ng estimated date of starting any proposed
07HER			
PULL OR ALTER CASING	CHANGE PLANS	CABING TEST AND CEMENT JOS	
PERFORM REMEDIAL WORK	PLUG AND AGANDON	SEMEDIAL WORK COMMENCE DRILLING OPNS.	ALTERING CARING PLUE AND ABANDONMENT
	ra		
	Appropriate Box To Indicate N	. -	Other Data NT REPORT OF:
	4250' DF		Lea
	15. Elevation (Show whether		12. County
THE East Line, SECT	rion 32 Township 17S	MANGE 33E	
	2310 PEET PROM THE North	LINE AND 1700 PRET PRE	Corbin Abo
BOX 1919 - Midland	, Texas 79702		2 10. Field and Pool, or Wildcat
CITIES SERVICE UIL &	GUY CONTION		9. Well No.
2. Name of Operator CITIES SERVICE OIL &			8. Form or Lease Name State CB
I. OIL X OAS WELL	OTHER.		7, Unit Agraement Name
SUNDI (DO NOT USE THIS FORM FOR PA USE "APPLICA	RY NOTICES AND REPORTS ON THE PERSON OF PLUS AS THE PERSON OF PLUS AS THE PERSON OF PE	WELLS LEE TO A DIFFERENT RESERVOIR.	
	J		B-5310
LAND OFFICE OPERATOR	1		State X Fee 5. State Oil 6 Gas Lease No.
U.S.G.S.			Sa. Indicate Type of Lease
SANTA FE	NEW MEXICO OIL CONSE	ERVATION COMMISSION	C-102 and C-103 Effective 14-65
DISTRIBUTION	1		Form C-103 Supersedes Old
NG. OF COPIES ACCEIVED	7		

- 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.

SEP 28 1983

WELLBORE DIAGRAM



LEASE: STATE CB		FIELD NAME:	CORBIN ABO			
WELL#	2	PERMIT#		API#:	30-025-21209	
SECTION LINES:	2310' FNL & 1700' FEL		PMT DATE	LEASE #:		
LEASE LINES:	<u></u>			POOL#:		
SEC-BLK-TWN-RNG	G - 32 - 178 - 33E			SPUD DATE:	9/1/1965	
COUNTY:	LEA			COMP DATE:	10/18/1965	
STATE:	NM			GL.	4250	
				DF		
				KB	راحم المراجع المراجع المراجع المتراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع	
				NOTE: WEL	L PLUGGED AND ABANDONE	D
120	40 sx cmt plug 56- sx cmt plug 443-14			7/7/2005 BY	MACK ENERGY CORP.	
8	5/8" csg cut off @386	6'		HOLE SIZE:	17 1/2	
•				SURF CSG.:	13 3/8	
				DEPTH:	231	
				SXS CMT:	250	
		0.000 6.000				
			(48)			
		100				
	x cmt plug 3019-271		4 1	1/2" csg cut off @	3068'	1
50 s	x cmt plug 3219-301	9				
		1.37	15 to 1	HOLE SIZE:	11 1/4	_
25 SX C	MT PLUG 3993-374	3'		PROD CSG.:	8 5/8"	
				DEPTH:	2897	
				SXS CMT:	500	
25 SX C	MT PLUG 6234-598	5'				
			4.4			
				HOLE SIZE:	الأر الموامل الموامل أنسي الموامل الموامل الموامل الموامل	
CIBP @863	0' 5 SXS ON TOP			PROD CSG.:	4 1/2 10.5#	
			\leq	DEPTH:	8779	
PERFS 8750, 8752	, 8754, 8756, 8758			SXS CMT:	850	
			2.55			
PD	8770					
TD	8780					
				-		

PREPARED BY:

LYN MARR /REGULATORY SPEC.

	<u>: </u>				ÄĞ.		
NO. OF COPIES RECEIVED		1			E	Form C-103	
DISTRIBUTION						Supersedes	-
SANTA FE	 	NEW MEXICO	OIL CONS	ERVATION COMMISSION	1	C-102 and C Effective 1-	
FILE					•		
u.s.g.s.					1	5a. Indicate Ty	pe of Lease
LAND OFFICE	1-1-1					State X	Fee 🗌
OPERATOR	+					5, State Otl 6 G	as Lease No.
						8-53	110
(90 NOT USE THIS FO	SUNDRY NO	OTICES AND REP	PORTS ON	WELLS ACK TO A DIFFERENT RESERVE	DIR.		
1.	TAPPE ICATION FO	M PERMIT (FORM C	-101) FOR 8UC	H PROPOSALS.)		7. Unit Agreeme	ent Name
OIL X GAS		THER-					
2, Name of Operator						8. Form or Leas	se Name
Cities Ser	vice Oil C	OMNANY				Ohio A-S	tata
3, Address of Operator	V100 011 0	onput, y		·····		9. Well No.	, ca ce
Box 69 - M	ohhe Mau I	Marico				6	
4. Location of Well	DDDS, New (MAXICO				10. Field and P	Pool, or Wildent
	221	0	North	220			·
UNIT LETTER H	2310	PEET FROM THE	MOLEU	LINE AND	FEET FROM	mm	rbin Queen
Enak		22	170	226			
THE East	LINE, SECTION	32 TOWNS	17S	RANGE 33E	нмрм.		
mmmm	mm	15 Flooritan C	24 mm 411 4 4 4 4 2	DF, RT, GR, etc.)		12. County	<i>··///////////////////////////////////</i>
		15. Elevation l.				1	
<i>;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;</i>	<i></i>	<i></i>		I GR		Lea	
	Check Appr	opriate Box To	Indicate N	lature of Notice, Rep	port or Oth	er Data	
NOTE	CE OF INTER	ITION TO:		SUE	BSEQUENT	REPORT OF	₹:
_			_		_		_
PERFORM REMEDIAL WORK		PLUG AND	ABANDON	REMEDIAL WORK		ALTE	ERING CASING
TEMPORARILY ABANDON				COMMENCE DRILLING OPNS	. 🗀	PLUG	AND ABANDONMENT
PULL OR ALTER CASING]	CHANGE PL	ANS	CASING TEST AND CEMENT	ا هود		
_	_		_	OTHER			
OTHER							
17. Describe Proposed or Country SEE RULE 1 fos. The above we	•			n August 1, 1970			
	4 - • d 1	6 2700 /71		2725 w/60 analah			
				3735 w/50 sacks)			
2. Loaded h	ole with m	ud laden flui	id.				
2	sack comes	t plug on top	of RP 4	a 3700-3660.			
				- 3,00 3000.			
4. Cut and	pulled 175	0 of 7" cas	ing.				
5. Set a 50	sack ceme	nt plua @ 180	00-1650	(⅓ in and ½ out o	of 7" cse	g. stub @	1750)
* -				(1 in and 1 out o			
	00 sack ceme	• •	25-1500	(2 th and 2 out t	31 0 370	- casing s	et e
7. Set = 10	sack come	nt surface of	lua @ 30	-O with a 4" pipe	extend	ing 4º abo	ve the
				, bib.			· -
		ite a P & A lo					
8. The loca	ition has b	een cleaned	of all d	ebris and equipme	ent and	is ready f	or
				. ,		•	
Tina: In	spection.						
9. I hereby certify that the	information abov	e is true and complet	e to the best	of my knowledge and belief	•		
				g			
•			A+	abulat Admin Pro	nemites-	DATE 1/	19/71
.0			TITLE DI	strict Admin. Su	PELAI20L	DATE 1/	16//1
John	w. Ru	nyan	TITLE	S eologis:	***	DATE MA	k 3 <u>l</u> 1971
OF APPROV	AL, IF ANY:	<i>IJ</i> ₹					



WELLBORE DIAGRAM

LEASE:	OHIO A - STATE		WELL:	6	FIELD:	MALJAMAR:GRAYBURG-SAN ANDRES	API:	30-025-01344
LOC:	2310' FNL 330' FEL	s	EC:	32			-	
T/R	UNIT H 17S 33E		GL:	4051	CTY/ST	LEA NEW MEXICO	SPUD:	
CURRENT	STATUS:	PA					TD DATE:	
					•		COMP DATE:	
	WELL PLUGGED 8/1/1970	BY CITI	ES SERVI	CE				
	10 SXS SURF PLUG 30'-9 4" PIPE 4' ABOVE SURF			l S ièn		HOLE SIZE:		
	50 SXS CMT PLUG 1425-13	ĐO						
	50 SXS CMT PLUG 1800-16	50 [,]			1/2 IN A	ND 1/2 OUT OF 7" CSG STUB @1750'		
	PULLED 1750' OF 7" CSG							
	CIBP @3700' 5 SXS CMT					HOLE SIZE: PROD. CSG & SIZE: SET @:	7" 3735	
	3700-3660'	F				SXS CMT:	50 SXS	
	-	t				CIRC:		
TD:	3735			,	7			

BY: LYN MARR 8/24/2006

OIL CONSERVATION DIVISION P.O. Box 2088 DISTRICT II P.O. Drawer DD, Artenia, NM 88210 DISTRICT III 1000 Rio Brazon Rd., Arten, NM 87410 SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.) 1. Type of Well: OIL CONSERVATION DIVISION P.O. Box 2088 Santa Pe, New Mexico 87504-2088 5. Indicate Type of Lesse STATE X FEE 6. State Oil & Gas Lesse No. B531D 7. Lasse Name of Usit Agreement Name 7. Lasse Name of Usit Agreement Name State CB 2. Name of Operator OXY USA Inc. 16696 1. Address of Operator P.O. Box 50250 Midland, TX 79710-0250 4. Well Location	Submit 3 Copies to Appropriate District Office	State of New M Energy, Minerals and Natural R			Form C-103 Revised 1-1-89
SABLE PE, New Mexico 87504-2088 5. Indicate Typo of Lane. 5. Sable Oil & Oil					0-025-01345
SEARCH & GREEN REAL ASSESSMENT STATES AND REPORTS ON WELLS SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM KOR PROPOGRALS TO DIREL OR TO DEEPER OR PLUG BACK TO A OFFICE THIS FORM KOR PROPOGRALS TO DIREL OR TO DEEPER OR PLUG BACK TO A OFFICE THIS FORM C-101) FOR BUCH PROPOGRALS. 1. Type of Well: ONE USE THE COMMENT OF THE		Santa Pe, New Mexico	87504-2088		() eess
SUNDRY MOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROCROMALS TO DRIVE OR TO DESIRE OR PLUG BACK TO A DIFFERENT RESERVORR. USE "APPLICATION FOR PERMET (CORM. C-101) FOR SUCH PROPOGRALS. 1. Type of Wel. ONY USA Inc. 1. Address of Operator P.O. Box 50250 Midiland, TX 79710-0250 Midiland, TX 79710-0250 Well Lossion P.O. Box 50250 Midiland, TX 79710-0250 Midiland, TX 79710-0250 Well Costion Use Letter C: 2310 Feet From The North Line and 2310 Feet From The East L Section 32 Township 1.5 Range 32E NAPPM CCC Comp 10. Elevation (Chew whether Dr. RES. RT. CR. at.) 11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data NOTICE OF INTENTION TO: PERFORM REMEDIAL WORK PULL GAMD ABANDON SUBSEQUENT REPORT OF: PERFORM REMEDIAL WORK PULL GAMD ABANDON CASHING COMMENCE DRILLING OPINS. PULL OR ALTER CASING CHANGE PLANS CASHING OPINS. TO SEE CHAP SIZE THE COMPASSION MUST BE NOTIFIED 24 H DITCH COMPASSION MUST BE NOTIFI					Lenge No.
2. Name of Operator OXY USA Inc. 16696 2. Well No. OXY USA Inc. 16696 3. Address of Operator P.O. Box 50250 Midland, TX 79710-0250 4. Well Location Unit Letter Cr.: 2310 Fee From The North Line and 2310 Feet From The East L Section 32 Township 1/5 Reag 83F NAMPA Commy 10. Elevation (Show what the IP, RES, RT, GR, acc) 44004 11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data NOTICE OF INTENTION TO: PERFORM REMEDIAL WORK PLUG AND ABANDON SUBSEQUENT REPORT OF: PERFORM REMEDIAL WORK PLUG AND ABANDON CASHNG COMMENCE DRILLING OPNS. PLUG AND ABANDONMENT PULL OR ALTER CASING OTHER: 12. Describe Proposed or Completed Operations (Clearly) state all puritiens details, and give partinent dates, including estimated date of starting any proposed work) SEE RULE 1103. See Office State	(DO NOT USE THIS FORM FOR PRI DIFFERENT RESEI (FORM C	OPOSALS TO DRILL OR TO DEEPER RVOIR. USE "APPLICATION FOR PE	OR PLUG BACK TO A	7. Lassa Namo or	Unit Agreement Name
2. Name of Operator DOXY USA Inc. 16696 2. Well No. 1. Address of Operator P.O. Box 50250 Midland, TX 79710-0250 2. Well Lossion Unit Letter Gr. 2310 Pear From The Dorth Line and 2310 Pear From The East L Section 32 Township Inc. 10. Elevation (Show whether DF, REB, RT, GR, SE.) 11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data NOTICE OF INTENTION TO: PERFORM REMEDIAL WORK PLUG AND ABANDON CHANGE PLANS COMMENCE DRILLING OPNS. PULI AND ABANDON CHANGE PLANS COMMENCE DRILLING OPNS. PULI AND ABANDONMENT CASING TEST AND CEMENT JOB OTHER: 12. Describe Proposed or Completed Operations (Clearly state of B pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE BULE 1103. See other Side The COMPASSION ALUST SE NOTIFIED 24 HOUSE PLANS OF BULLE 1003 TO SE A-PROVED. 1 Incompression to the information down to two and prompted to the base of my proposed and build. TIME Regulatory Analyst Date 12 (14 (47)) TIME Regulatory Analyst Date 12 (14 (47))		OTHER] State C	3
P.O. Box 50250 Midland, TX 79710-0250 Malganer CRSA 4529 4 Well Lossins Unit Letter G: 2310 Feet From The North Line and 2310 Feet From The East L Section 32 Township 17.5 Range 33E NAMPH CCQ 10. Elevation (Show whether LP: RUS. RT. GR. 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 REMEDIAL WORK ALTERING CASING TEMPORARE Y ABANDON CHANGE PLANS COMMENCE DRILLING OPNS. PLUG AND ABANDONMENT PULL OR ALTER CASING OTHER: 12. Describe Proposed or Completed Operations (Clearly state all purifiers) details, and give provinced dates, suchding estimated date of starting any proposed worth) SEE RULE 1103. THE COMPANIES OF REACTIONS TO THE CHOST OF PULL CASING OF PULL CREATED AND THE CHOST OF SEATIONS TO SEAPROVED. Thereby centry and the laterature down in two and remaind the lateral materials. TIME REGulatory Analyst DATE 124 (16 47) TIME REGulatory Analyst DATE 124 (16 47)	2. Name of Operator		16696	S. Well No.	
Unit Later G: 2310 Post From The Option Line and 2310 Post From The East L Section 32 Township 10. Elevation (Show whithe OF RES. RT. GR. etc.) 10. Elevation (Show whithe OF RES. RT. GR. etc.) 11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data NOTICE OF INTENTION TO: SUBSEQUENT REPORT OF: PERFORM REMEDIAL WORK	3. Address of Operator P.O. Box 5	0250 Midland, TX 7	9710-0250		
Section 32 Township 175 Range 53E NAMPM CC CORRY 10. Elevation (Show whether DF, RRS. RT, GR, ac.) 11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data NOTICE OF INTENTION TO: SUBSEQUENT REPORT OF: PERFORM REMEDIAL WORK PLUG AND ABANDON REMEDIAL WORK ALTERING CASING TEMPORAPRY ABANDON CHANGE PLANS COMMENCE DRILLING OPNS. PLUG AND ABANDONMENT PULL OR ALTER CASING 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 office of Side The COMMASCION MUST BE NOTIFIED 24 HOURS PAICE TO THE CHOST OF PRACTIONS OF PLUGAMING OF PLUGE BY SIGE TO THE CHOST OF PRACTIONS OF THE CHOST OF PRACTIONS OF THE CHOST OF PRACTIONS OF THE CHOST OF THE CHO	4. Well Location		131		
10. Elevation (Show whether DP, RES, RT, GR, etc.) 11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data NOTICE OF INTENTION TO: PERFORM REMEDIAL WORK PLUG AND ABANDON REMEDIAL WORK ALTERING CASING TEMPORAPELY ABANDON CHANGE PLANS COMMENCE DRILLING OPNS. PLUG AND ABANDONMENT PULL OR ALTER CASING OTHER: 12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give persinent dates, including estimated date of starting any proposed work) SEE RULE 1103. See office of Side Side FO Test Distributions OF PLUCKERS PLACE FO Test DISTRIBUTIONS OF PLUCKERS OF REATIONS OF PLUCKERS OF					
Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data NOTICE OF INTENTION TO: SUBSEQUENT REPORT OF: PERFORM REMEDIAL WORK	Section 32	Township 7,5 R	ongs 53E OF, RKB, RT, GR, etc.)	NMPM	_ &c\
NOTICE OF INTENTION TO: SUBSEQUENT REPORT OF: PERFORM REMEDIAL WORK PLUG AND ABANDON CHANGE PLANS COMMENCE DRILLING OPNS. PLUG AND ABANDONMENT PULL OR ALTER CASING CHANGE PLANS CASING TEST AND CEMENT JOB COMMENT THER: 12. Describe Proposed or Completed Operations (Clearly state all pertinens details, and give pertinent dates, excluding estimated date of starting any proposed work) SEE RULE 1103. THE COMPASSION MUST BE NOTIFIED 24 HOURS PLACE TO THE CHOSTORING OF PRECIOUS AS PROPERTIONS TOE. THE C-103 TO SE AMPROVED. TIME REGulatory Analyst DATE 12(16/97) TIME REGulatory Analyst DATE 12(16/97)					
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12. Describe Proposed or Completed Operations (Clearly state all pursional details, and give pursional dates, including estimated date of starting any proposed work) SEE RULE 1103. THE COMPASSION MUST BE NOTIFIED 24 HOUSE PURCE TO THE CHOS TO SE APPROVED. I benefit certify that the information above is two and complete to the ball of my incoverage and belief. Regulatory Analyst Date of Services.	PULL OR ALTER CASING				
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. THE COMMASSION MUST BE NOTIFIED 24 HOURS FROM TO THE CASSIANING OF PLUGOL AS OFFICATIONS FOR THE C-103 TO SE APPROVED. Thus Regulatory Analyst David Starting David Starting David Starting	_				Г
I bereby certify that the information above is true and complain to the best of my incovinage and belief. Showarding Regulatory Analyst DATE 12(6(97)	WOTE SEE RULE 1 NJ.	See other	THE COMPAST HOURS PHOR PERCONNA OF	YO THE SASS RATIONS LOS	4N4NG OF
(This space for State Unit) ORIGINAL SECRET DEVICERS WILLIAMS	I benday curtify that the informations above in tr	to and complete to the best of my incovings an	d belief.		12/11/97

ATTACHMENT C-103
OXY USA INC.
STATE CB #1
SEC 32 T175 R33E
LEA COUNTY, NM

TD - 4810' PBTD - 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, RDPU, INSTALL DRY-HOLE MARKER, CLEAN LOC & BACKFILL W/O PIT.

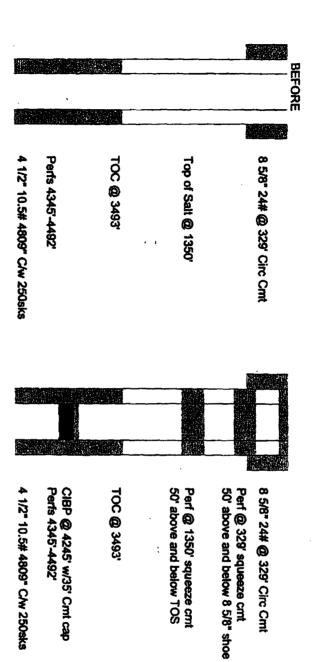
Submit 3 Copies To Appropriate District	State of	New Me	xico	•	Fo	orm C-103	
Office District I	Energy, Minerals			May 27, 2004			
1625 N. French Dr., Hobbs, NM 88240				WELL API NO.		1	
District II 1301 W. Grand Ave., Artesia, NM 88210	OIL CONSERV	/ATION	DIVISION	30-025-01345 5. Indicate Type	of Lease		
District III 1000 Rio Brazos Rd., Aztec, NM 87410	1220 South			STATE			
District IV 1220 S. St. Francis Dr., Senta Fe, NM	: Santa Fe	e, NM 87	7505	6. State Oil & G B-5310	as Lease No.		
87505 SUNDRY NOT	ICES AND REPORTS OF	N WELLS		7. Lease Name of	T Unit Agreen	nent Name	
(DO NOT USE THIS FORM FOR PROPO DIFFERENT RESERVOIR, USE "APPL PROPOSALS.)				State CD	(CB	1)	
1. Type of Well: Oil Well	Gas Well 🔲 Other			8. Well Number	3		
2. Name of Operator				9. OGRID Num	ber	. –	
3. Address of Operator	y Corporation			013837	r Wildcet		
	Artesa NM 88211-0960			Maljamar GB SA			
4. Well Location			·				
Unit LetterG	:2310_feet from the	Nort	h line and	_2310feet from	theEast_	line	
Section 32	Township		Range 33E	NMPM	Count	ty Lea	
	11. Elevation (Show wi	hether DR	, RKB, RT, GR, etc	2.)			
Pit or Below-grade Tank Application	or Closure				<u>. </u>		
Pit type Plugging Depth to Grounds		rest fresh w	ater well1000' Dis	tance from nearest surf	ace water10	00,	
Pit Liner Thickness: mi	Below-Grade Tank: Vo	dame	bbls; (Construction Material	-		
12. Check	Appropriate Box to In	rdicate N	lature of Notice	Report or Othe	r Data		
				•			
NOTICE OF II PERFORM REMEDIAL WORK	NTENTION TO: I PLUG AND ABANDON		REMEDIAL WO	BSEQUENT RE	PORTOF ALTERING		
TEMPORARILY ABANDON		'		RILLING OPNS.	P AND A		
PULL OR ALTER CASING		ā	CASING/CEME	·			
OTUED.		_	OTHER.		/332	22324	
OTHER: 13. Describe proposed or com	pleted operations. (Clearl	v state all	OTHER:	nd give pertinent da			
of starting any proposed v	vork). SEE RULE 1103.				ram of propos		
or recompletion. 7/5/05 Set 4-1/2" CIBP @ 4245', c					6		
7/5/05 Circ. hole w/ MLF.	ap w/ 55 cmt. w/ batter.				91514	10	
7/5/05 Perf 4-holes @ 2585', set pl	kr. @ 2232', sqz. 35 sx. cn	nt.			/ F 63	1 By	
7/6/05 Tag plug @ 2390'.)	001			185		
7/6/05 Perf 4-holes @ 1350', sqz. 3 7/6/05 Perf 4-holes @ 379', pump	100 sx. cmt., tag plug @ 11:	98'. cea. to sur	fout of 8-5/8" cea	leave 4-1/2" full o	f cmt LOLE	87.88454	
7/7/05 RDMO. Cut off wellhead &	anchors, install dry hole r	narker, an	d clean location.	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		37.83	
				n	ECEIV	EU	
				ת	ECE!V!	U	
			a salahan m				
		A	present as to ph	igging of the Well	160ce 2 0 20	105	
	'		aouny uncer pos rface restoration	d is retained unti	l .		
		80	Intice teamstateur	· combecen			
I house a series about the information	1 1 - 1				1000 to 100 10	*	
I hereby certify that the information grade tank has been/will be emistructed of	n acove is true and comple or closed according to NMOCD	guidelines	est of my knowled , a general permit f	ige and belief. I ford or an (attacked) after	ther certify that a rnative OCD-ann	iny pit or below- proved sian 🗀.	
	1						
SIGNATURE	wy .	_TITLE	Agent		DATE	_7/15/05	
Type or print name Roger Ma	ssey E-1	mail addre	ss:	Tele	phone No. (432	2) 530-0907	
For State Use Only		OC FI	ild representa	tive hystaff ma	NAGER '		
APPROVED BY:). Wink	TITLE			DATE ##		
Conditions of Approval (if any):					— - 1U	2 9 2005	

The second section of the second

Subtitit 3 Copies To Appropriate District	State of New Mexico		Form C-103
Office District I	Energy, Minerals and Natural Reson	urces	May 27, 2004
1625 N. French Dr., Hobbs, NM 88240		WELL API NO. 30-025-01345	
District 11 1301 W. Grand Ave., Artesia, NM 88210	OIL CONSERVATION DIVISI	ION 5. Indicate Type, of Lea	se .
District III 1000 Rio Brazos Rd., Aztec, NM 87410	1220 South St. Francis Dr.		FEE
District IV	Santa Fe, NM 87505	6. State Oil & Gas Leas	e No.
1220 S. St. Francis Dr., Santa Pe, NM 87505	PERMIT DATE OF THE SECOND	B-5310	
SUNDRY NOTION (DO NOT USE THIS FORM FOR PROPOS	CES AND REPORTS ON WELLS ALS TO DRILL OR TO DEEPEN OR PLUG BACK ATION FOR PERMIT" (FORM C-101) FOR SUCH	State CD	Agreement Name
	Gas Well 🔲 Other	8. Well Number 3	
2. Name of Operator Mack Ener	gy Corporation	9. OGRID Number	013837
3. Address of Operator	B) 00.101.	I 0. Pool name or Wild	
-	960 Artesia, NM 88211-0960	Maljamar GB SA	
4. Well Location			
Unit LetterG		ne and 2310 feet from the	
Section32	Township 17S Range		inty Lca
	I 1. Elevation (Show whether DR, RKB, R	T, GR; etc.)	
Pit or Below-grade Tank Application X or	Closure		
Pit type Plugging Depth Groundwa		1000' Distance from nearest surface wa	ter 1000'
Pit Liner Thickness: 12 mil	Below-Grade Tank: Volume	bblp; Construction Material	
12 Check A	ppropriate Box to Indicate Nature of		<u> </u>
NOTICE OF IN		SUBSEQUENT REPOR	
PERFORM REMEDIAL WORK	PLUG'AND ABANDON X REME	DIAL WORK ALT MENCE DRILLING OPNS	ERING CASING [
TEMPORARILY ABANDON-		IG/CEMENT JOB	AD X
PULL OR ALTER CASING	2/00/2 8 (1 <u>10</u> 0) - 1/20	A SEPONAL TO	
OTHER:	OTHE	R:	
	leted operations: (Clearly state all pertinent ork). SBB RULE 1103. For Multiple Comp		
1. Notify OCD 24 hours prior to s	tarting plugging operations.		
2. Set CIBP @ 4245' w/35' cemen	t cap 100' above perfs and circ hole with	mud.	
	above top of salt. WOC + TAG		
4. Perf @ 329' squeeze 50' above	and below 8 5/8" casing shoe. WOC and	tag.	21222324.25 26.17.128.25.30.37. 1000 stack in the stack
5. Set 10 sx surface plug. 6. Install dry hole marker.	and below 8 5/8" casing shoe. WOC and WITH IN 1 MILE OF S 502. + BRING TOC 7 CONSERVATION DIVISION TO THE OF TO THE PRIOR TO	XTO SEMBPU	02122232
0. Install try hole market.	SAZ. + RRING TOC 7	0 2485 MOC4/1	D
PERF C 230	CONSERVATION DIVISION	MUST TAG A	**************************************
I ME OII	TIFIED 24 HOURS PRIOR TO	THE (B.D.S.) (2	2 g 2
BE NO	HIPIED 24 HOURS PRIOR	IONS 2	· 558 8
BEGINI	IING OF PLUGGING OPERAT	10:10:	高32 8 /
	the access, to t	. (3	
	*	1 de 140	4.
	Contraction		(68788461)
grade tank has been/will be constructed or	above is true and complete to the best of my released according to NMOCD guidelines 🔀 a gene	Knowledge and belief. I further certification in the certification of the certification in the certification is a second control of the certification in the certification is a second con	y that any pit or below- OCD-approved plan
SIGNATURE Penne	Shevell TITLE Production		ATE 6/13/2005
Type or print name Jerry W. Sherr	ell	ys@mackenergycorp.com_Telep	(505)748-1288
For State Use Only	O Demand montess.	·	none No. 1555) 745-1266
764.4	Ale Sent	tative ii/staff manager	
APPROVED BY: Conditions of Approval (if and):	OC FIELD REPRESEN	MAIIAE III - II	U NF 1 0 2005
or replacem (in all).			- 4003

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

(183)





WELLBORE DIAGRAM

	STATE CB		1				
LEASE:	COCKBURN STATI	WEI WEI	LL: <u>1</u>	FIELD:	MALJAMAR:GRAYBURG-SA	API:	30-025-01347
LOC:	660' FNL & 660' FW	L 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 WEL	L WAS DRILLED AS	COCKBUR	¥				
STATE #2	BY BARRY COCKBU	RN & PA'D					· .
CITIES SE	RV P&A 1980	10 SX C	MT PLUG	30' TO SU			
MUD TO S	URF				BARNEY COCKBURN DRLD TO 4473		
		11		8" 81	JRF CSG TOP OF SALT TO 1281', CM	TID W/S	
	RVICE 1980	11		i i		1000 0000	
	ED METAL @1556'						ES SVC CO
	1575' - COULD GET			200 S	XS 1313-956' TAGGED 1020'	PLUGGED WEI	
ANY DEEL						PREVIOUS PLU	JGGING INFORMATION
	IP BLK, GOOD			1281	1		
MILLED T							
	CL 1662-SURF						
	UB 1622' &		<u>':</u>	CM	PLUG F/1675'1284' TOP 1313'		
	SHOE @1262'	1					
PMPD 200		ĺ					
	TAGGED @1313'	1		ł			
	SXS CL C 1313-956'	1					
TAGGED (_			•	•		
	RF W/10 SXS	1		1			1
INSTALLE	ED 4" DRY MARKER		•				•
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					TO 4028', SMTD W/100 SX		
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PBTD:		- 1		ł			
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TD:	4473			7".0	SG 4028		
	44/3			17, 6	JU 7040		

BY: LYN MARR 8/24/2006



WELLBORE DIAGRAM

	STATE CB		2		•		
LEASE:	COCKBURN STATE	_ WELL:	2	_fteld:	MALJAMAR:GRAYBURG-SA	API;	30-025-0134
LOC:	660' FNL & 19880' FWL	SEC:	32	BLK:		REF NO:	
TWN	178	GL:		CTY/ST	LEA NEW MEXICO	SPUD:	4/27/1905
RNG	33E	KB:	سيحسين	DF:		TD DATE:	
	_			_		COMP DATE:	
THIS WE	LL WAS DRILLED AS COC	KBURN					والمسير المراق المراق
STATE #2	BY BARRY COCKBURN &	PA'D					
CITTES S	ERV P&A 1980						
MUD TO	SURF			8" KI	OCKED OFF @210'		
				MUD	TO SURF 4' MARKER IN CMT		
	MUD TO 210'						
	10' SXS ON TOP			7 I			
	i			7			
				.1 1			
	FILLED W/ MUD			10 SX	S CMT PLUG ON TOP MUD @ 1270		
	TO 1270'			7			
				11			
	,	1		11			
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	•	1		1.			
	FILLED W/MUD			10 SX	S CMT PLUG ON TOP MUD @2450		
	2450'		· · · · · ·	ł	J	•	
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				7" CSG K	NOCKED OFF/10 SXS CMT PLUG		
			and the second				
	1950 FILLED W/MUD			l l			
	5200'-3211 7" CSG		•	ł			
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PBTD:		ł		1			
		1		1			
TD:	5200	1					

BY: LYN MARR 8/24/2006



TD:

WELLBORE DIAGRAM

LEASE:	STATE CB COCKBURN STATE	WELL:	2 2	FIELD:	MALJAMAR:GRAYBURG-SA	API:	30-025-01348
Lease: Loc:	660' FNL & 19880' FWL	SEC:	32	BLK:	MALANIAR OLA I DORO GA	REF NO:	30-023-013-18
TWN	178	- GL:	34	CTY/ST	LEA NEW MEXICO	SPUD:	4/27/1905
RNG	33E	— КВ:		DF:		TD DATE:	48/12/00
ici (O				_~		COMP DATE:	
THIS WE	LL WAS DRILLED AS COC	KBURN				90	
	BY BARRY COCKBURN &						
CITIES S	ERV P&A 1980						
MUD TO	SURF		1 ,	11980	TAGGED PLUG 210'		
				8 3/4"	CSG TO 207	NOTE: 19	980 CITIES SVC
				8 <i>5/</i> 8"	' CSG @268' MILLED TO 653'		
	MUD TO 210'			СМТ	PLUG 653 W/190 SXS	REPLUGGED V	WELL
	10' SXS ON TOP	1		36' T	O SURF 10 SXS CMT	1980 TAGGED	PLUG @210'
	•	1		ł '		WIH W 8 3/4" (CSG, SET @207
		3		4		CMTD W/ 175 S	EXS CL C W/2% CACL,
	FILLED W/ MUD			10 SX	S CMT PLUG ON TOP MUD @ 1270	DID NOT CIRC	
	TO 1270'			7		DISP CMT TO	185', 22' INSIDE CSG
			ta jarah.	-[TC IN ANN 23'	F/SURF
		1	· · · · ·	÷		RIH TAG CMT	INSIDE 7" @176'
						PRESS TSTD T	O 1000#, OK
						D/O CMT TO 6	05'
						TAG'D TOP OF	8 5/8" CSG 268'
	FILLED W/MUD			10 SX	S CMT PLUG ON TOP MUD @2450'	MILLED AND	C/O TO 653'
	2450'		2	1		NMOCD APRV	D PLUG
						CMTD THRU T	TBG W/190 SXS CL C
						10 SXS TO PIT,	TAGGED PLUG @36'
						10 SXS CMT PI	JUG TO SURF.
		ŀ					
		1		1			
				l l			
		1		1			
			4 4 4 4 5				• •
				7" CSG K	NOCKED OFF/10 SXS CMT PLUG		•
	1050 DITTED WASTED			1			
	1950 FILLED W/MUD	1					
	5200'-3211 7" CSG	ſ		1			
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PBTD:			: .	ł			•
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TD:	5200	1		N			
	-	_		-			

BY: LYN MARR 8/24/2006

CONDITIONS OF APPROVAL, IF ANY;

•		•	·	•
DISTRIBUTION		EW MEXICO OIL CONS	01347 ERVATION COMMISSION	Form C-103 Supersedes Old C-102 and C-103 Ellective 14-65
PILE				
U.S.G.S.				Sa. Indicate Type of Lease
LAND OFFICE				State X Fee
OPERATOR				5. State Oil & Gas Lease No.
	CUNDOV NOTICE	E AND DEDODES ON	WPL C	mmmmmm
(DO NOT USE THIS PORM	A FOR PROPOSALS TO DRI	S AND REPORTS ON	WELLS SACK TO A DIFFERENT RESERVOIN.	7, Unit Agreement Name
OIL GAS WELL	OTHER-	Plugged well		7, Out Adjectment Adule
2. Name of Operator			· · · · · · · · · · · · · · · · · · ·	8. Form or Lease Name
Cities Servi	ce Company	(Barney Cock	burn)	COCKBURN STATE
3. Address of Operator Box 1919 M	idland, TX	79702		9. Well No.
4. Location of Well				10, Field and Pool, or Wildcat
WHIT LETTER D	. 660	ET PROM THE NORth	LINE AND 660 PEET FROM	Maljamar-GBSA
THE West LIN	IE, SECTION 32	TOWNSHIP 175	RANGE 33E NMPM	
mmmmm	21 VIIIII	. Elevation (Show whether	DF, RT, GR, etc.)	12. County
		•		Lea
16.	Theck Appropriate	Box To Indicate N	Nature of Notice, Report or Ot	
	E OF INTENTION			T REPORT OF:
PERFORM REMEDIAL WORK		PLUG AND ABANDON	REMEDIAL WORK	ALTERING CASING
TEMPORARILY ABANDON			COMMENCE DRILLING OPHS.	PLUG AND ABANDONMENT
PULL OR ALTER CASING		CHANGE PLANS	GASING TEST AND CEMENT JOS	<u> </u>
			OTHER RE-	enter & re-plug X
OTHER				
17. Describe Proposed or Compuork) SEE RULE 1103.	pleted Operations (Clea	uly state all pertinent des	ails, and give pertinent dates, including	estimated date of starting any proposed
T.D. 4473'.				•
SEE ATTACHME	NT:			
				·
			·	
18. I hereby certify that the inf	ormation above is true	and complete to the beat	of my knowledge and belief.	
	4. 10			
5 (GNED	ruella	TITLE Reg	ion Oper. Mgr.	DAYE 3/18/80
enn.	C	r	TEX GAS INSPECTO	R 7000 15 1980

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

The Cockburn State A #1 wad drld 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. & 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/00 ersize quide, 3-3/4" jars, 4 3½" DC's on 2-7/8" EUE tbg. POOH w/00 ershot.

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.

FORM C-103

NEW MEXICO OIL CONSERVATION COMMISSIO 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 FULLING OR OTHERWISE ALTERING CASING REPORT ON RESULT OF SECOTING OR CHEMICAL TREATMENT OF WELL REPORT ON RESULT OF TEST OF CASING SHUT-OFF REPORT ON DEEPENING WELL REPORT ON RESULT OF PLUGGING OF WELL Artesia, New Mexico. February 15, 1944 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. _____in the Company or Operator of Sec. 32 ,T. 178 , R. 33E , N. M. P. M., East Maljamar Field, County The dates of this work were as follows: February 12 1944 and approvalof the proposed plan was (wear not) 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 I hereby swear or affirm that the information given above is true and correct. Subscribed and sworn to before me this Name / DA PositionOwner Representing Same Company or Operator My Commission expires February 25, 1947. Address Box 115, Artesia, New Mexico Remarks: 1 10 Coursey . Thungled sun

OIL & BAR THREE ELINE !

...Owner.

Form C-102

NEW MEXICO OIL CONSERVATION COMPUSSION

MISCELLANEOUS NOTICES

	Santa Fe, New Mexico			
	MISCELLANEOUS NOTICES	 \ \ \		
visable, or the reject	a triplicate to the Oil Conservation Commission or its proper agent before a returned to the sender on which will be given the approval, with any motion by the Commission or its agent, of the plan submitted. The plan as app begin until approval is obtained. See additional instructions in the Rules	the viiridat	work spec	ified is to E

Commission.		ditional instructions in the Rules and Regulations of the by checking below:
NOTICE OF INTENTION TO TEST CASING SHUT-OFF	x	NOTICE OF INTENTION TO SHOOT OR CHEMICALLY TREAT WELL
NOTICE OF INTENTION TO CHANGE PLANS		NOTICE OF INTENTION TO PULL OR OTHERWISE ALTER CASING
NOTICE OF INTENTION TO REPAIR WELL		notice of intention to plug well
NOTICE OF INTENTION TO DEEPEN WELL	!	
Artes	ia, Mer	Mexico March 15, 1944
OIL CONSERVATION COMMISSION,		
Santa Fe, New Mexico.		
Gentlemen:		
Company or Operator Las	urn-8te	ibed below at the Well No. 1 in No. 1
of Sec. 32 , T. 178 , R. 358 County	•	P. M., Rast Haljamar Field,
•		
		POSED PLAN OF WORK
FOLLOW INSTRUCTIONS IN THE	E RULES .	AND REGULATIONS OF THE COMMISSION
irculated. International Cem he cement to set 72 hours and he test has been made we will	entere test	ent, 50 sacks of mud used ahead doing the work. We will allow for the water shut-off. After rd the results of same.
Approved MAR 1 6 1944	19	Barney Cockburn
except as follows:	1	Position Owner Send communications regarding well to
oil conservation commission,	1	Name Barney Cookburn
By Coll. Garbroulk.		Address Box 115, Artesia, New Mexico.
Tritle		

01348

<u></u>	•	
NO. JE COPIES RECEIVED	1	Form C-103
DISTRIBUTION		Supersedes Old C-102 and C-103
SANTA FE	NEW MEXICO OIL CONSERVATION C	
FILE	<u>}</u>	·
U.S.G.S.	}	5a. Indicate Type of Lease
LAND OFFICE	}	State Z Fee
OPERATOR	1	5. State Oil & Gas Lease No.
	_	
SUNDE THE PORM FOR PR	RY NOTICES AND REPORTS ON WELLS PROSALS TO PRILL ON TO DEEPEN ON PLUG SACE TO A DIFFER TION FOR SERMIT - OF CORM C. TO IN THE SECRET PROPOSALS.	ENT RESERVOIR.
l. OIL GAS		7. Unit Agreement Name
weer L	OTHER. PLUGGED WELL	
	ERVICE COMPANY Barket Co	CCELLUS COCKBURN STATE
3. Address of Operator P. O. BO	X 1919, MIDLAND, TEXAS 79702	9, Well No.
4. Location of Well		10. Field and Pool, or Wildcal
UNIT LETTERC	660 FEET FROM THE NORTH	1980 MALJAMAR-GBSA
THE WEST LINE, BEET	10N 32 TOWNSHIP 17-S RANGE	33-E NMPM.
minimum minimum	15. Elevation (Show whether DF, RT, GR, et	
	13. Elevation (Snow waster Dr. R1, OA, et	12. County LEA
T6.	Appropriate Day To Latin to Name (N)	
	Appropriate Box To Indicate Nature of No	
NOTICE OF I	NTENTION TO:	SUBSEQUENT REPORT OF:
		<u></u>
PERFORM HEMEDIAL WORK	PLUG AND ABANDON 💹 📗 REMEDIAL WOR	
TEMPORARILY ABANDON	COMMENCE DR	ILLING OPHS. PLUG AND ABANDONMENT
PULL OR ALTER CASING		AND CEMENT JOB
	OTHER	Re-enter & Replug
OTHER	L/	
17. Describe Proposed or Completed O	perations (Clearly state all pertinent details, and give p	ertinent dates, including estimated date of starting any proposed
WOIK) SEE RULE 1103.		
	#2 was drld in 1944 & operated by	
		wells in this vicinity, including this
		r injection. Since the NMOCD is now
		f mile of these wells to replug the well
		mar Grayburg San Andres Unit. Moved in
		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'. RI	H 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 annulu	is 23' fr surface. Fin filling 7"	x open hole annulus w/cmt to btm of clr
Cut off cag and walde	ed on 7" slip clr. RTH w/6-1/4" R	B & 4 - 3-1/2" DCs on 2-7/8" EUE work
string. Tagged cmt 4	neide 7" at 176' Prace tota 7"	& BOP to 1000# - OK. Drld hrd cmt 176-
191' Drid ruhher of	10 191-1921/11 in 10 heal POOR	w/RB. RIH $w/6-1/8$ " blade bit, $4-3-1/2$
		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	n above is true and complete to the best of my knowledge	and belief.
<u> </u>	to the complete to the base of my knowledge	
	and the same of th	
MICHED Struck	TITLE REGION OPERA	TION MANAGER SATE 4-18-80
*14×10 Effelle		TION MANAGER DATE 4-18-80
Blanco Spulle	TITLE REGION OPERA	
APPROVED BY		

COCKBURN STATE #2

Drld & pushed plug to 432' in 10 hrs. CHC & pu into csg. RIH w/drlg assembly & tagged at 432'. Drld & pushed to 570'. Rec wood, pea gravel & redbed. Drlg at 570'. Made trip & RIH on same drig assembly. Drld & 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'. Drld & 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 LO-Loss & added 50 bbls lease oil to 10#/gal BW. RIH. Tagged at 723'. Drld & CO 723-728'. SD hi wind. RIH w/4-3/4" RB & 6 - 3-1/2" DCs on 2-7/8" EUE tbg. Drld 728-755' w/bit. Hole caving badly. POOH. Ran back w/ 6-1/4" RB on same assembly. CO 616-646'. Drld 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. Drld & 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. Cmtd thru tbg w/190 sx Class "C" cmt. Cmt circ 10 sx to pit. RIH w/2-7/8" EUR 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.

SEP 5 - 1930

MISCELLANGOUS REPORTS ON WELLS

Submit this report in triplicat specified is completed. It sho	te to the Oil Conservation	Commission or its manner sees		A
specified is completed. It show		Collimination of the hrober effer	at within ten days after	the Work
· · · · · · · · · · · · · · · · · · ·	uld be signed and sworn t	to before a notary public for re	ports on beginning drilli	ng opera-
ions, results of shooting well	i, results of test of casing	shut off, result of plugging o	well, and other imports	nt opers-
nons, even though the work w	ras witnessed by an agent	of the Commission. Reports on all instructions in the Rules as	n minor operations use at Decidetions of the Co.	mmission or not be
white with smoth to before #	Indicate nature of	f report by checking below.	IN THE STREET, AT MIC CA.	hittinanon.
				II
REPORT ON BEGINNING	DRILLING OPERA-	REPORT ON REPA	IRING WELL	Í
REPORT ON RESULT OF S	HOOMING OF CHESS	PEROPE ON PULL	NG OR OTHERWISE	
ICAL TREATMENT OF		ALTERING CA		
REPORT ON RESULT OF	TEST OF CASING			
SHUT-OFF	ALDI OF CABLIO	REPORT ON DEEP	ENING ARIT	
REPORT ON RESULT OF F	PLUGGING OF WELL			
		I		
		September 1, 1950	Artesia, Nev	Marrian
		Date	Place	MARKA
OIL CONSERVATION COM	MISSION.	Date	F1866	
Santa Fe, New Mexico				
Gentlemen:				
Following is a report on the	work done and the results	obtained under the heading ne	oted above at the	
Barney Cockburn		Cockburn-State		
Company	or Operator	Lease		
		т1751	331 N.	M. P. M.,
East Halismar				
				_ 004
The dates of this work were			An-mark 9/9	hp
Notice of intention to do th	e work was tunn (2001) su	bmitted on Form C-102 on	ANCHE) Z/A	19_4/
and approval of the propose	ed plan was (***********) ob	tained. (Cross out incorrect w	ords.)	
DETA	ILED ACCOUNT OF WO	ORK DONE AND RESULTS	OBTAINED	
			,	
Hele was filled with	mud from 5200 T.	D. to 3211 where 7° c	asing was knocked	
and sement when fire				err
	sacks) was set: [1]	lied with mud to 2450	and nimered with	10
sacks: filled with m	sacks) was set; ?i; wd to 1270° and pl:	lied with mad to 2450! necod with 10 macks co	and placed with ment: filled with	10
make; filled with m	md to 1270' and pli	ngged with 10 sacks co	ment: filled with	10 mud
maks; filled with m to 210' where 8" was	md to 1270° and plant of and of	ugged with 10 enoise co emented with 10 enoise:	ment; filled with filled with med	10 mud
maks; filled with m to 210' where 8" was	md to 1270° and plant of and of	ngged with 10 sacks co	ment; filled with filled with med	10 mud
sacks; filled with m to 210' where B" was	md to 1270° and plant of and of	ugged with 10 enoise co emented with 10 enoise:	ment; filled with filled with med	10 mud
sacks; filled with m to 210' where B" was	md to 1270° and plant of and of	ugged with 10 enoise co emented with 10 enoise:	ment; filled with filled with med	10 mud
meks; filled with m to 210° where 8" was surface and regulation	md to 1270° and plant of and of	ugged with 10 enoise co emented with 10 enoise:	ment; filled with filled with med	10 mud
meks; filled with m to 210° where 8" was surface and regulation	md to 1270° and place in the second off and elements on the marker set in	ugged with 10 enoise co emented with 10 enoise:	ment; filled with filled with mad a cleaned up.	10 mud
meks; filled with m to 210° where 8° was surface and regulation	nd to 1270 and plant of knocked off and of on 4 marker set in	ugged with 10 sacks commented with 10 sacks; n coment. Location was Company	ment; filled with filled with med; cleaned up.	10 mud to
meks; filled with m to 210° where 8° was surface and regulation Witnessed by Barney	ad to 1270° and place on the marker set in Cookburn Name	oggod with 10 sacks comented with 10 sacks; n coment. Location was Company I hereby swear or affirm	ment; filled with filled with med; cleaned up.	10 mud to
sacks; filled with me to 210° where 8" was surface and regulation. Witnessed by Barney Subscribed and sworn before the same of the same o	ed to 1270° and place on 4° marker set in Cookburn Name	oggod with 10 sacks commented with 10 sacks; n coment. Location was Company I hereby swear or affirm is true and correct.	ment; filled with filled with med; cleaned up.	10 mud to
meks; filled with meter 210° where 8" was surface and regulation. Witnessed by Barney Subscribed and sworn before the subscribed and sworn before 210° with meters.	ad to 1270° and place on the marker set in Cookburn Name	Company I hereby swear or affirm is true and convert. Name	ment; filled with filled with med; cleaned up.	10 mud to
sacks; filled with me to 210° where 8" was surface and regulation. Witnessed by Barney Subscribed and sworn before the same of the same o	ed to 1270° and place on 4° marker set in Cookburn Name	oggod with 10 sacks commented with 10 sacks; n coment. Location was Company I hereby swear or affirm is true and correct.	ment; filled with filled with med; cleaned up.	10 mud to
sucks; filled with me to 210° where 8" was surface and regulation witnessed by Barney Subscribed and sworn before day of Sept.	ed to 1270° and place on 4° marker set in Cookburn Name	Company I hereby swear or affirm is true and correct. Name Position Agent	ment; filled with mid filled with mid solcaned up. Our That the information gives that the information gives the state of	10 mud to
sacks; filled with meter 210° where 8° was surface and regulation. Witnessed by Barney Subscribed and sworn before day of Sept.	ed to 1270° and place in the control of and	Company I hereby swear or affirm is true and correct. Name Position Representing Barney C	ment; filled with med; cleaned up. Our that the information given the graph of the graph	10 mud to
sacks; filled with most of 210° where 8" was surface and regulation. Witnessed by Barney Subscribed and sworn before day of September 1998.	Cockburn Name fore me this let Notary Public	Company I hereby swear or affirm is true and correct. Name Position Representing Barney Comp	ockburn any or Operator	10 mid to the title ven above
sacks; filled with me to 210° where 8° was surface and regulation. Witnessed by Barney Subscribed and sworn before the day of Sept.	Cockburn Name fore me this let Notary Public	Company I hereby swear or affirm is true and correct. Name Position Representing Barney Comp	ment; filled with med; cleaned up. Our that the information given the graph of the graph	10 mid to the title ven above
sacks; filled with me to 210° where 8° was surface and regulation. Witnessed by Barney Subscribed and sworn before day of September 1991	Cockburn Name fore me this let Notary Public	Company I hereby swear or affirm is true and correct. Name Position Representing Barney Comp	ockburn any or Operator	10 mid to the title ven above
sacks; filled with me to 210° where 8° was surface and regulation. Witnessed by Barney Subscribed and sworn before day of September 1991	Cockburn Name fore me this let Notary Public	Company I hereby swear or affirm is true and correct. Name Position Representing Barney Comp	ockburn any or Operator	10 mid to the title ven above
Subscribed and sworn before My commission expires. Subscribed and sworn before My commission expires.	Cockburn Name fore me this let Notary Public	Company I hereby swear or affirm is true and correct. Name Position Representing Barney Comp	present in the second of the s	10 mid to the title ven above
sacks; filled with me to 210° where 8° was surface and regulation. Witnessed by Barney Subscribed and sworn before day of Sept. On a Two as Two	Cockburn Name fore me this let Notary Public	Company I hereby swear or affirm is true and correct. Name Position Representing Barney Comp	present in the second of the s	10 mid to Rile ven above

WELLS IN AREA OF REVIEW

XTO ENERGY

						H	SS	Surf	250	8.625	12.25	394			SEMGSAU 616	_
	Α	4359	775 FSL 2590 FWL	29-17S-33E	3/97 - 5/97		CS	Surf	950	5.5	7.875	4358	Oil	3.003E+09	SEMGSAU 616	_
							cs	Surf	275	8.625	12.25	418			SEMGSAU 615	_
	Α	4400	1900 FSL 2630 FWL	29-17S-33E	11/96 - 12/96		ST	374	950	5.5	7.875	4400	Oil	3.003E+09	SEMGSAU 615	
							S	Surf	250	8.625	12.25	357			SEMGSAU 614	_
	Α	4395	1070 FSL 1888 FWL	29-17S-33E	4/96 - 6/96		CS	Surf	850	5.5	7.875	4390	Wtr Inj	3.003E+09	SEMGSAU 614	_
							S	Surf	250	8.625	12.25	394			SEMGSAU 613	
	Α	4325	1930 FSL 1516 FWL	29-17S-33E	4/96 - 6/96	-	S	Surf	850	5.5	7.875	4324	Oil	3.003E+09	SEMGSAU 613	_
							S	Surf	250	8.625	12.25	333			SEMGSAU 612	
	Α	4473	710 FSL 1425 FWL	29-17S-33E	5/95 - 6/95	-	ız.	380	1000	5.5	7.875	4473	Oil	3.003E+09	SEMGSAU 612	_
_				 		_	င္သ	Surf	250	8.625	12.25	348			SEMGSAU 610	-
-	Α	4397	1310 FSL 750 FWL	29-17S-33E	4/95 - 5/95		zz zz	300	900	5.5	7.875	4397	Wtr Inj	3.003E+09	SEMGSAU 610	_
					_	-	S	Surf	250	8.625	12.25	309			SEMGSAU 608	_
	Α	4550	123 FSL 1345 FWL	29-17S-33E	11/91 - 1/92		S	Surf	1170	5.5	7.875	4550	Oil	3.003E+09	SEMGSAU 608	-
_						F	CS	Surf	660	8.625	12.25	1302			SEMGSAU 607	_
	Α	4360	1455 FSL 1330 FWL	29-17S-33E	8/80 - 10/80		5 TS	2735	800 00	5.5	7.875	3900	Oil	3.003E+09	SEMGSAU 607	-
_						ľ	Calc	Surf	15	10	12.25	20			SEMGSAU 605	_
7-0	P&A	4276	1335 FSL 1335 FWL	29-17S-33E	8/47 - 11/47	c 1400'	3 Calc	1928	240	7	8.75	4035	0:1	3.003E+09	SEMGSAU 605	-
 >						6	Calc	984	50	8.625	10.875	1260			SEMGSAU 604	_
-	Α	4302	660 FSL 660 FWL	29-17S-33E	9/43 - 12/43		Calc	3353	75	7	8.875	3963	Wtr Inj	3.003E+09	SEMGSAU 604	
						Ľ	Calc	969	100	8.625	12.5	1265			SEMGSAU 603	_
بنا و	P&A	4300	1980 FSL 1980 FWL	29-17S-33E	8/43 - 11/43	e e) Calc	3340	75	7	8.875	3950	<u>O:</u> 1	3.003E+09	SEMGSAU 603	_
			,			a	2 Cale	1132	25	8	10	1300			SEMGSAU 602	7
0-5	P&A	4319	660 FSL 1980 FWL	29-17S-33E	4/43 - 7/43	L) Cale	2790	100	7	8.25	4060	0:1	3.003E+09	SEMGSAU 602	
_							f cs	Surf	660	8.625	12.25	1300			SEMGSAU 507	_
	TA	4380	2615 FNL 2615 FEL	29-17S-33E	12/79 - 3/80		O TS	1400	800	5.5	7.875	3888	Oil	3.003E+09	SEMGSAU 507	
ليا	П						f cs	Surf	500	8.625	12.25	.819			SEMGSAU 708*	
ايا	TΑ	4316	100 FSL 2590 FEL	29-17S-33E	3/73 - 4/73		O TS	2540	435	5.5	7.875	4316	Oil	3.003E+09	SEMGSAU 708*	_
	COMP REC	COM	FOOTAGE	LOC	DATE DRLD	C DV	P TOC BY	TOP	CMT	CSG	ноге	CSG DEPTH	WELL	API	WELL NAME	

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	_	4	8										•								È							
SEMGSAU 714	SEMGSAU 714	SEMGSAU 713	SEMGSAU 713	SEMGSAU 712	SEMGSAU 712	SEMGSAU 711	SEMGSAU 711	SEMGSAU 710	SEMGSAU 710	SEMGSAU 709	SEMGSAU 709	SEMGSAU 707	SEMGSAU 707	SEMGSAU 706	SEMGSAU 706	SEMGSAU 705	SEMGSAU 705	SEMGSAU 704	SEMGSAU 704	- 1	6	SEMGSAU 702	SEMGSAU 702	SEMGSAU 701	SEMGSAU 701	WEIL NAME		
	3.003E+09		3.003E+09		3.003E+09		3.003E+09		3.003E+09		3.003E+09		3.003E+09		3.003E+09		3.003E+09		3.003E+09		3.003E+09		3.003E+09		3.003E+09	API		
	Wtr Inj		liO		01		Oil		Wtr Inj		Oil		D&A		Oil		Oil		Oil		Wtr Inj		Wtr Inj		Wtr Inj	WELL TYPE		
383	4450	388	4389	405	4499	407	4404	404	4394	1314	3950	810	4429	354	4350	369	4448	297	4246	1260	4290	1246	4050	1286	4032	CSG DEPTH	Ì	
12.23	7.875	12.25	7.875	12.25	7.875	12.25	7.875	12.25	7.875	12.25	7.875	11	7.875	11	7.875	12.25	7.875	11	7.875	11	7.875	9.675	8.25	12	8.25	HOLE	×	
6.023	5.5	8.625	5.5	8.625	5.5	8.625	5.5	8.625	5.5	8.625	5.5	8.625	5.5	8.625	5.5	8.625	5.5	8.625	5.5	8.625	5.5	8.625	7	10.75	7	CSG	ELLS	
200	900	250	850	275	850	275	800	250	850	735	1000	350	435	200	435	300	355	300	800	550	300	400	300	500	300	CMT	WELLS IN AREA OF REVIEW	XTO ENERGY
TIME	680	Surf	710	Surf	1350	Surf	2102	Surf	Surf	Surf	Surf	Surf	1740	Surf	2420	Surf	2360	Surf	1800	Surf	3000	Surf	241	Surf	223	TOP	EA O	NER
[]	S IS	CS	TS	S	ST	S	SI.	છ	છ	છ	ß	ß	S	ß	Z	ß	ß	S	S.I	ß	ST	Cale	Calc	Calc	Calc	TOC BY	RE	S Y
				L																						DV	/IEW	
	3/97 - 5/97		3/97 - 5/97		11/96 - 1/97		10/96 - 12/96		4/96 - 6/96		9/81 - 12/81	•	11/72 - 3/73		8/72 - 8/72		11/71 - 12/71		10/54 - 11/54		12/52 - 2/53		12/43 - 3/44		11/43 - 3/44	DATE DRLD		
	29-17S-33E		29-17S-33E		29-17S-33E		29-17S-33E		29-17S-33E		29-17S-33E		29-17S-33E		29-17S-33E		1 - 12/71 29-17S-33E		4 - 11/54 29-17S-33E		29-17S-33E		29-17S-33E		11/43 - 3/44 29-17S-33E	100		
	1200 FSL 900 FEL		1700 FWL 1400 FEL	г	330 FWL 330 FEL		1040 FSL 330 FEL		1165 FSL 2010 FEL		2250 FSL 1225 FEL		100 FSL 1430 FEL	1	1155 FSL 1385 FWL	1	1395 FWL 2615 FEL	1	1650 FSL 990 FEL	T	660 FSL 990 FEL	T	1980 FSL 1980 FEL	T	660 FSL 1980 FEL	FOOTAGE		
Ш	4450		4390	•	4500		4405		<u>44</u> 8		4450		4430	-	4350		4450		4360		4340		4400		4327	COMP REC		
	≯		P&A		Þ		>		Þ		>		D&A		Þ		≯		Ž		₽		A		>	REC.		

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					¥	ELLS	WELLS IN AREA OF REVIE	EA OI	RE	/IEW	17				
	WELL NAME	API	WELL	CSG DEPTH	нот	CSG	CMT	TOP	TOC BY	DV	DATE DRLD	TOC	FOOTAGE	COMP REC	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					L	L
	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		D&A
	Cockburn A State 4	3.003E+09	0:1	8819	7.875	4.5	700	3210	ST		2/66 - 3/66	32-17S-33E	990 FNL 1980 FEL	8820	≯
	Cockburn A State 4			2899	11.25	8.625	500	1970	TS					L	<u> </u>
	Cockburn A State 4			334	17.5	13.375	320	Surf	છ				-	L	
	Cockburn A State 5	3.003E+09	O <u>i</u> l	10817	8.75	5.5	2235	Surf	Calc		6/76 - 9/76	32-17S-33E	1980 FNL 1980 FWL	13705	≯
	Cockburn A State 5			5270	12.25	9.625	1800	100	ST	3391					
	Cockburn A State 5			456	17.5	13.375	475	Surf	છ					_	
3	Cockburn State 5	3.003E+09	D&A	3917	8	7	50	3110	Cale		11/48 - 12/49	32-17S-33E	1650 FNL 1650 FEL	4499	D&A
ر الراز	Cockburn State 5			980	12.25	10.75	150	Surf	Sale Call						
,	Cockburn State 5			210	15	12.5	200	Surf	Cale				╀		
,	Ohio State A6	3.003E+09	Oii	3735	8	7	<u>1</u> 00	2122	Calc c		9/53 - 11/53	32-17S-33E	2310 FNL 330 FEL	3769	PA
	Ohio State A6			1368	11	8.625	S 0	1108	Calc				Ļ	╄-	
7	SEMGSAU 1004	3.003E+09	Oil	4102	6.25	5.5	100	1356	ट्र ह े		9/51 - 11/51	32-17S-33E	330 FNL 2310 FWL	4298	P&A
	SEMGSAU 1004			1223	8.75	7	50	784	Calc				Ļ	L	
•	SEMGSAU 15	3.003E+09	Wtr Inj	4509	7.875	5.5	1350	Surf	છ		11/96 - 12/96	32-17S-33E	500 FNL 330 FWL	4510	>
	, SEMGSAU 15			416	12.25	8.625	275	Surf	છ				ļ	+	_
381	SEMGSAU 803	3.003E+09	Oil	4045	8.875	7	<u>1</u> 8	3232	<u>ड</u> टि		1/44 - 5/44	32-17S-33E	660 FNL 1980 FEL	4325	P&A
496	SEMGSAU 803			1280	10.875	8.625	50	1004	ğ				╀	+-	
684 C	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
32	SEMGSAU 902			1257	12.25	8.625	50	1097	Calc				 _	-	
X 4	SEMGSAU 904	3.003E+09	Oil	3943	8.75	7	100	3065	Cale		3/46 - 8/46	32-17S-33E	660 FNL 660 FEL	4271	P&A
FAX	SEMGSAU 904			1300	10	∞	30	964 24	Calc				<u> </u>	_	
5	SEMGSAU 906	3.003E+09	Oil	4545	7.875	5.5	1300	Surf	ß		12/91 - 1/92	32-17S-33E	1200 FNL 950 FEL	4575	>
5:2	SEMGSAU 906			307	12.25	8.625	250	Surf	ß					L	
15	SEMGSAU 907	3.003E+09	Oil	4600	7.875	5.5	1450	Surf	ß		11/91 - 1/92	32-17S-33E	2310 FNL 990 FEL	4600	ĪΑ
'06	SEMGSAU 907			338	12.25	8.625	200	Surf	S						
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WELLS IN AREA OF REVIEW

WELL NAME SEMGSAU 908 SEMGSAU 908	API 3.003E+09	WELL TYPE Wt Inj	CSG DEFTH 4417 415	HOLE 7.875 12.25	CSG 8.625	CMT 900 275	TOP CMT Surf	S S S BY	ÞΨ	DATE LOC 10/96 - 12/96 32-17S-33E	LOC 32-17S-33E		COMP REC. 4450 A	A REC.	
SEMGSAU 909	3.003E+09	Oil	4540	7.875	5.5	725	Surf	છ		12/05 - 12/05 32-17S-33E	32-17S-33E	944 FNL 330 FEL	4420	>	
SEMGSAU 909			1150	12.25	8.625	630	Surf	ß							
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	Cale		1/44 - 12/44	32-17S-33E	660 FNL 1980 FWL	5200	D&A	
State 2			1276	10.875	8.625	50	1000	Calc							<u>ک</u> ر /
State CB 1	3.003E+09	Oil	4810	7.875	4.5	250	3361	Cale		12/61 - 1/62	32-17S-33E	2310 FNL 2310 FEL	4810	P&A	Ċ
State CB 1			329	12.25	8.625	250	Surf	Cale					_		7
C Strate CB 2	3.003E+09	Oil	8779	7.875	4.5	850	3445	SI		9/65 - 10/65	32-17S-33E	2310 FNL 1700 FEL	8780	P&A	Ç
State CB 2			2882	11.25	8.625	500	1970	z							
State CB 2			333	17.5	13.375	250	Surf	છ							
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* Well for which													<u> </u> _		
permit sought									L				L		