	DATEN	HETED SUSPEN	NSE W SOLLA 212408 10978 PKVK0806054459
	Re	of and -	ABOVE THIS LINE FOR DIVISION USE ONLY
	1	5)08	NEW MEXICO OIL CONSERVATION DIVISION
Λ.	61	- Suplia	- Engineering Bureau -
after	2 Var	40 OK,	1220 South St. Francis Drive, Santa Fe, NM 87505
out	<u>Cons</u>	A	DMINISTRATIVE APPLICATION COVERSHEET
	тнія	S COVERSHEET IS	MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS
	Applic	ation Acronym	WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE
		[NSL-Non-Sta [DHC-Dow	Indard Location] [NSP-Non-Standard Proration Unit] [SD-Simultaneous Dedication] Inhole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling] INFX-Waterflood Expansion] [PMX-Pressure Maintenance Expansion] [SWD-Salt Water Disposal] [IPI-Injection Pressure Increase]
		[EOR-Qua	lified Enhanced Oil Recovery Certification] [PPR-Positive Production Response]
	[1]	TYPE OF A	PPLICATION - Check Those Which Apply for [A]
	r.)	[A]	Location - Spacing Unit - Simultaneous Dedication
•			$\sqcup NSL \ \cup NSP \ \cup SD$
		Check	k One Only for [B] or [C]
		[B]	Commingling - Storage - Measurement
			$\Box DHC \Box CTB \Box PLC \Box PC \Box OLS \Box OLM \qquad \qquad$
		[C]	Injection - Disposal - Pressure Increase - Enhanced Oil Recovery
			WFX DPMX DSWD DIPI DEOR DPPR
	[2]	NOTIFICAT	TION REQUIRED TO: - Check Those Which Apply, or [] Does Not Apply
		[A]	U Working, Royalty or Overriding Royalty Interest Owners
		[B]	ØOffset Operators, Leaseholders or Surface Owner
		[C]	Application is One Which Requires Published Legal Notice
		[D]	Notification and/or Concurrent Approval by BLM or SLO     U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office
		[E]	X For all of the above, Proof of Notification or Publication is Attached, and/or,
		[F]	U Waivers are Attached

#### [3] **INFORMATION / DATA SUBMITTED IS COMPLETE -**. Certification

I hereby certify that I, or personnel under my supervision, have reviewed the applicable Rules and Regulations of the Oil Conservation Division. Further, I assert that the attached application for administrative approval is accurate and complete to the best of my knowledge and where applicable, verify that all interest (WI, RI, ORRI) is common.

I understand that any omission of data (including API numbers, pool codes, etc.), pertinent information and any required notification is cause to have the application package returned with no action taken.

Note: Statement must be completed by an individual with managerial and/or supervisory capacity. <u>Ann E. Ritchie</u> <u>Min Mutatura</u> <u>Regulatory Agent</u> <u>2-19-08</u> <u>Print or Type Name</u> Signature <u>Title</u> <u>Date</u> ann. ritchie Quitor. net: 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

#### **APPLICATION FOR AUTHORIZATION TO INJECT**

I.	PURPOSE:       X       Secondary Recovery       Pressure Maintenance       Disposal       Storage         Application qualifies for administrative approval?       X       Yes       No						
II.	OPERATOR: Melrose Operating Company						
	ADDRESS: c/o P.O. Box 953, Midland, TX 79702						
	CONTACT PARTY: Tony BeilmanPHONE: 214 762 0830						
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?YesX_No Amended filing 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:						
	<ol> <li>Proposed average and maximum daily rate and volume of fluids to be injected;</li> <li>Whether the system is open or closed;</li> <li>Proposed average and maximum injection pressure;</li> <li>Sources and an appropriate analysis of injection fluid and compatibility with the receiving formation if other than reinjected produced water; and,</li> <li>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.).</li> </ol>						
*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: Ann E. RitchieTTTLE: Regulatory Agent						
	SIGNATURE: DATE: 2-4-08						

- E-MAIL ADDRESS: ann.ritchie@wtor.net
- \* If the information required under Sections VI, VIII, X, and XI above has been previously submitted, it need not be resubmitted. Please show the date and circumstances of the earlier submittal: Updated filing requested by OCD.\_\_\_\_\_

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.

4.

Ъ3 ĥ3 Ę, Method Determined: \_\_\_\_\_circulated to RANGE Method Determined: \_calculated\_ Method Determined: \_calculated\_ 29E 8 5/8" pit as per OCD reporting\_ circulated 2 7/8" WELL CONSTRUCTION DATA Casing Size: 4 1/2" 2820' TOWNSHIP 19S Casing Size: Casing Size: **Production Casing/Liner** Intermediate Casing Surface Casing or or or 2 Total Depth: Initial:3300' , 2 7/8" liner @ SECTION SX. SX. Ś Cemented with: \_450 sx\_\_ sx. feet Top of Cement: surface Cemented with: 110 sx 12 1/4" Top of Cement: 800' Top of Cement: 800' INJECTION WELL DATA SHEET Hole Size: 77/8" Hole Size: 4 1/2" Injection Interval Cemented with: Hole Size: 2275' UNIT LETTER 2796' 4 0 Guajalote State, Well #2 FOOTAGE LOCATION Melrose Operating Company WELL NAME & NUMBER: Guajalote State WELL LOCATION: 660 FSL and 1980 FEL WELLBORE SCHEMATIC attached **OPERATOR:** 

Side 1

(Perforated or Open Hole; indicate which)

# **INJECTION WELL DATA SHEET**

	Tubing Size: _1 1/4"Lining Material:
Tyŗ	Type of Packer: Baker AD-1 Tension Packer
Pac	Packer Setting Depth: _2245'
Oth	Other Type of Tubing/Casing Seal (if applicable):
	Additional Data
<b></b>	Is this a new well drilled for injection? Yes X_No
	If no, for what purpose was the well originally drilled? _Initially a producing well
	C-108 filed to update injection status & interval
2	Name of the Injection Formation: Queen-Grayburg
$\frac{\omega}{2}$	Name of Field or Pool (if applicable): _SWD; Queen-Grayburg
4	Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e. sacks of cement or plug(s) used.
	1271-1331' - squeezed w/100 sx Cl C, tested 1500#. Squeeze required by OCD
S.	Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area: Yates – as above in #4.

**\***\*

ide 2

2

Melrose Operatiang Company Guajalote State, Well #2 660 FSL and 1980 FE: Section 5, T19S, R29E, Eddy County, NM

Oil Conservation Division Form C-108 "Application for Authorization to Inject" Amended Filing

#### VII:

- 1. Proposed average daily injection is 200 bbls per day; maximum daily injection rate is 500 bbls per day.
- 2. System is closed.
- 3. Average injection pressure is 400 psi, maximum injection pressure is 900 spi. Need Step Rate Test.
- 4. Injection fluid is from the Grayburg San Andres, from Melrose offsetting Conoco State lease.
- 5. The zone is productive of oil and gas.

VIII: Geologic data attached

- IX: No stimulation program
- XI: No fresh water wells within one mile

XII & XIII - attachments

# CURRENT WELLBORE DIAGRAM

Company:		Melrose Opera						or a construction
Lease:		ote State	Well No.:	2	Dika			Leen-Grayburg
County:	660 FSL & 1980 Eddy St		Sec: 5 Refno:	anne			Survey:	Unique No.:
Current St	and a statement of the	And and a second s	Dead Man	Anchors	Contraction of the Contraction o	solution and and in case of the second second	5 24350	Omque No
	to Wellsite:		beau man	Anonoro	I OOL DUL	•••		
Directione								and an a start of the second
Surface Cs	g.						KB:	
Size:	8 5/8"						DF:	
Wt.:	15.5#						GL:	3397'
Set @:	350'							
Csg ID								
Csg. Drift							pud Date:	
TOC:	surface					Re-c	oml Date:	07/12/07
Hole Size:	12 1/4"							
Draductio	n Csq. Line		2			in a Data	DATE	
Production Size:	4 1/2"	2 7/8"			luk #Jt	oing Detai	il DATE: Size	Footage
WT:	9.5#	6.5#			<u># JI</u>	-	0120	
Set @:	3300'	2796'				1 1/4"	2245'	
Csg ID		2.441"						
Csg. Drift								
TOC:	300'/450 sx	800' cal,110 sx						
Hole Size:	7 7/8"	4 1/2"						
COTD:							and the second second second	
PBTD:								
TD:	3300'							
DEDEC.								
PERFS:								
					1.6.2			
			=				-	
			=					
	Perforations: 2275-2	2820'	=					
			=					
			=					
					1.33.6			
			i,					
		3300'						
Remarks:								
					and the second second second		Vento	
		U			ton an	. Pre	epared by:	
			Date:				Date:	

Submit 3 Copies To Appropriate District Office		ew Mexico		Form C-103 May 27, 2004
District I	Energy, Minerals an	a Natural Resources	WELL API	
1625 N. French Dr., Hobbs, NM 88240 District II			30 015 2493	
1301 W. Grand Ave., Artesia, NM 88210	OIL CONSERVA			Type of Lease
District III	1220 South S	t. Francis Dr.	STA	
1000 Rio Brazos Rd., Aztec, NM 87410 District IV	Santa Fe, 1	NM 87505		& Gas Lease No.
1220 S. St. Francis Dr., Santa Fe, NM	-		L-1022	
87505	CEC AND DEPODITC ON I	MTTTTC	7 Tanan Mi	
(DO NOT USE THIS FORM FOR PROPOS DIFFERENT RESERVOIR. USE "APPLIC		NOR PLUG BACK TO A	Guajalote	ame or Unit Agreement Name State
PROPOSALS.)			8. Well Nu	mber 2
	Gas Well Other X			
2. Name of Operator			9. OGRID	Number 184860
Melrose Operating Company				*****
3. Address of Operator				me or Wildcat
c/o P.O. Box 953			SWD: Que	en-Grayburg
4. Well Location				
Unit LetterO:66	60 feet from the South	h line and _1980	_feet from the _	Eastline
Section 5	Township 19S	Range 29E	NMPM	Eddy County
	11. Elevation (Show wheth		c.) 3397 GR	
Pit or Below-grade Tank Application 🗌 or	· Closure 🔲			
Pit typeDepth to Groundwa	terDistance from neares	t fresh water well D	istance from neare	st surface water
Pit Liner Thickness: mil	Below-Grade Tank: Volum	e bbls; (	Construction Mate	rial
12 Charles A	naroanista Dou to Indi	anto Noturo of Notios	Poport or C	thar Data
12. Check A	ppropriate Box to Indic	cale mature of motice	e, Report of O	Aller Data
NOTICE OF IN	TENTION TO	SU	BSEQUENT	REPORT OF:
		REMEDIAL WO		
	—			P AND A
PULL OR ALTER CASING		CASING/CEME		x
OTHER:	τ	OTHER:		
	·····	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	····	
<ol><li>Describe proposed or compl</li></ol>				
	rk). SEE RULE 1103. For	Multiple Completions: A	Attach wellbore	diagram of proposed completion
or recompletion.				
7-20-06: RBP @ 1032'; dumped 2 sx				C,2% CaCl. WOC.
7-21-06: Top of cement @ 238', drill				
9-13-06: Rigged up BJ Services, ran			Pumped 110 sx	CI C, 2% CaCl, 20% excess.
Pumped 16 bbls displacement. Press				
6-27-07: Rigged up Weatherford Win				
6-29-07: Acidized well w/5000 gals				
7-12-07: Tested 2 7/8" casing to 500	psi for 30 minutes. OCD wi	messed test and took cha	II.	
I hereby certify that the information	bove is true and complete to	o the best of my knowled	oe and belief	further contify that over aid on half-
grade tank has been/will be constraited/or	losed according to NMOCD gui	telines X , a general permit	] or an (attached)	alternative OCD-approved plan
SIGNATURE Martule		LERegulatory Agen	t	DATE 2-7-08
Type or print name	E-r	mail address:		Telephone No.
For State Use Only				- elephone 1 to.
				-
APPROVED BY: Conditions of Approval (if any):	TIT	TLE		-

This time is to be filed with the [n] product different different die the minimum notion not later  $\mathbf{U} = 0$  does after the completion of any newly-diffed or decreased with it theil be reconducted and a special tests conduct difference of the differee of the difference of the d

0	Quajalote	State #2.	Log ON RMANCE WITH GEOGRAPHICAL S	File with OCD section of state
	·	Southeastern New Mexico	Northw	estem New Mexico
Τ.	Anby	Т. Санула	Т. Ојо Аlano	T. Pena. "B"
Т.	5.dt	T Strawr	T. Enthand Fruitland	T. Prnn. "C"
13.	S.dt 804	T Aloko		1. Penn. "D"
т.	Yates 1020	T. Mess	T Chill House	T. Leadville
T.	7 three _1404_	T. Beventien	TMenetee	T Madison
٦.	Queen 1948	TSilerium	T. Point Look of	T. Elbert
1.	Gravier, 2099	T Montovo	T Materies	T McCrackers
Т.	San Austres 2350	T. Sinps on	T Gollao	T. Ignacie Quan-
ľ.	Glottera	Р. МсКех	(keep Green's an	T. Granite
T.	Paddack	T. EHenburger	Γ Dokeya	T
Τ.	Elin- bry	T. Gr. Wash	T. Morrison	T
Т.	Tueb	7 Granite	T Toddto	T
T.	Drinkard	T. Delaware Sand	T. Enkrada	Τ.

No.	1, from	toN	. 4, from	
		OIL OR GAS S	ANDS OR ZONES	
Т	Tisce (Bouch C) T	······································	Pena <sup>c</sup> 'A <sup>rr</sup>	T
T.	Penn T	T	Pennian	τ
Ŧ	Wolfcamp T	Т.	Chinly	τ
r.	Aho T	Beac Springs T.	Winga'e	T

------

10.1, 10.	
No. 2, from	No. 5, from
No. 3, from	No. 5, fromto

#### IMPORTANT WATER SANDS

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

No. 1, from		t
No. 2, from	to	t
No. 3, from	to	t
No. 4, from	to	t

FORMATION RECORD (Attach additional sheets if necessary)

Tron.	Тэ	Thiskness in Feet	Formation	From	т.,	Thickness in Feet	Formation
Surf. 350 1525 2020	350 1525 2020 2877		Anhydrite Anhydrite Dolomite Dolomite		-		

Affidavit of Publication		Copy of Publicat
NO. 20020		LEGAL NOTICE
STATE OF NEW MEXICO		Melrose Operating Company, c/o P.O. Box 953, Midland, TX 79702
County of Eddy:		will file the New Mexico Oil Conservation Division Form C- 108, Application for Authorization
GARY D. SCOTT	being duly	to Inject, with the NMOCD seek- ing administrative approval for
sworn, says: That he is the PUBLISHER	of The	water injection into their Guajalote State, well #2, located 660' FSL & 1980' FEL of Sec 5, T19S, R29E,
Artesia Daily Press, a daily newspaper of general		Eddy County, NM. The proposed injection interval is from 2275' to 2820'. The proposed maximum
circulation, published in English at Artesia, said county		surface pressure is 450 psi., with a maximum injection rate of 3000
and county and state, and that the here to attached		bbls water per day. The injection water will be sourced from the
Legal Notice		Queen-Grayburg formation, Melrose operated produced water.
was published in a regular and entire issue of the said		All interested parties opposing the application must file objection with the New Mexico Oil
Artesia Daily Press,a daily newspaper duly qualified		Conservation Division, 1220 South St. Francis Dr., Santa Fe,
for that purpose within the meaning of Chapter 167 of		NM 87505 within 15 days of this notice. Additional information can be obtained by contacting Ann
the 1937 Session Laws of the state of New Mexico for		Ritchie, Regulatory Agent, Melrose Operating Company, c/o P.O. Box 953, Midland, TX 79702, 2
1 Consecutive week/days on the same		(432)684-6381. Published in the Artesia Daily
day as follows:		Press, Artesia, N.M. January 6, 2008.
First Publication January 6, 2008	、 	Legal 20020
Second Publication		
Third Publication		
Fourth Publication		
Fifth Publication		
Subscribed and sworn to before me this		
30th Day January CAMANALA K. January Notary Public, Eddy County, New Mexico	2008	
My Commission expires April 5, 2011		

# of Publication:

Melrose Operatiang Company Guajalote State, Well #2 660 FSL and 1980 FE: Section 5, T195, R29E, Eddy County, NM

Oil Conservation Division Form C-108 "Application for Authorization to Inject" Amended Filing

The geologic and engineering data for the Guajalote State, Well #2 have been examined and I find no evidence of open faults or any other hydrologic connection between the disposal zone and any underground sources of drinking water.

.....

× #...

Tony Beilman, Engineer Melrose Operating Company

Formation Tops:

Salt: 804' Yates: 1020' 7 Rivers: 1404' Queen: 1948' Grayburg: 2099' San Andres: 2350'

• • • • •

Melrose Operating Company Guajalote State, Well #2 660 FSL & 1980 FEL Section 5, T19S, R29E, Eddy County, NM

Oil Conservation Division, Form C-108 "Application for Authorization to Inject" Amended Filing as requested by Oil Conservation Division

Operators/Leasehold within I/2 mile radius:

ConocoPhillips, Box 2197, Houston, TX 77252

Chesapeake Exploration, LLC, Box 18496, Oklahoma City, OK 73154

Hogg Partnership, LP 5950 Cedar Spring Rd, Ste 242, Dallas, TX 75235

OXY USA, Inc., Box 4294, Houston, TX 77210

Threshold Development Co., 777 Taylor St., Penthouse II, Ft Worth, TX 76102

Bold Energy, LP, 415 W. Wall, Ste 500, Midland, TX 79701 (2-26-08)

Copies of the Form C-108 and map have been submitted to the above stated parties on the 11<sup>th</sup> day of February 2008.

ulahi

Ann E. Ritchie, Regulatory Agent Melrose Operating Company c/o P.O. Box 953 Midland, TX 79702

CERTIFIED MAIL RECEIPT	
° Fordelivery information visit our website at www.usps.coms	C ProdeliveryInformation Visit our website at www.usps.com
Postage \$ . 41	Postage \$ 41
Return Receipt Fee	Return Receipt Fee (Endorsement Required)
Restricted Delivery Fee	Restricted Delivery Foe (Endorsement Required) Total Postage & Fees \$ 3.86
Sent To Sent Sent Sent Sent Sent Sent Sent Sent	Total Postage & Fees $3.86$
Street, Apt. No.;	Street, Apt. No.; or PO Box No. Box 4294
or PO Box No. 111 1Aylor St., Perthouse I City State, 210- Fort Worth, TX 76102	Hows Fow, 12 11 CTO PS Form 0900, Juno 2002, 14 June Sci Reverse to Anstructions
U.S. Postal Service CERTIFIED MAIL RECEIPT ( <i>Bomestic Mail Only, No Insurance Coverage Provided</i> ) For delivery Information visit our website at www.usps.com	U.S. Postal Service CERTIFIED MAIL: RECEIPT (Domestic Mail Only; No Insurance Coverage Provided)
CUPPICIAL USE	C APP FFC IAL USE
Postage \$ .41 TOLAND + Certified Fee 2.45	Postage \$ . 4 \$ 0.41
Return Receipt Fee (Endorsement Required)	Return Receipt Fee (Endorsement Required) \$0.00
Total Postage & Fees \$ 3.06	Total Postage & Fees \$ 3.84.06 021 CINKO
Sent To DAGGER DRAW RANCH, INC.	Sent To Hogg PARTNERShip LP
OFPO BOX NO. BOX 1061 City State, 21944 ARLSBAD N/M 88222	Strait ADI. No. 75950 Cedan Spring Rd. Ste or PO Box No. 5950 Cedan Spring Rd. 242 City, State, 2004 DALLAS TX 75235
U.S. Postal Service	PS Form Scool store Scool
CERTIFIED MAIL::: RECEIPT	CERTIFIED MAIL A RECEIPT
	For delivery information visit our website at www.usps.com
Postage \$ .41 MIDLAW	Postage \$ .41 GO MIO
Return Receipt Fee (Endorsement Required)	Return Receipt Fee (Endorsement Required)
Restricted Delivery Fee (Endorsement Required) Total Postage & Fees \$ 3.84	Restricted Delivery Fee (Endorsement Required) Total Postage & Fees \$ 3.06
Sent To Coweco Philling	Sont To hespherke Exploration, LLC
Steel, Apr. No.; or PO Bax No. Box 2197 City State, Zipa, Box 77 2152	City, State 294 City, State 294 April Ahome City, OK 73154
PS Form 3800. June 2002	PS Form 3800, June, 2002 - 14 10 - 14 See Reverse for Instructions
CERTIFIED MAIL RE (Domestic Mail Only; No Insuranc	and the second
Postage \$ , ¥/	
Certified Fee 2.1/5 Return Receipt Fee (Endorsement Required)	Postmark Here
Restricted Delivery Fee	- 2/26-08
Total Postage & Fees \$ 306	impleted by mailer)
Streat Int No. or PO Bould #500	
Jula land IN 1110	See Reverse for Instructions

Martin Water Laboratories, Inc.

P.O. BOX 98 MIDLAND, TX. 79702 PHONE (432) 683-4521

RESULT OF WATER ANALYSES

709 W. INDIANA MIDLAND, TEXAS 79701 FAX (432) 682-8819

TO: PO Box	Ann Ritchie 953, Midland, TX 79702	LABORATORY NO SAMPLE RECEIVED RESULTS REPORTED		2-2	8-223 25-08 29-08	
COMPANY_	West Texas Oil Reports		LEASE	Milro	ose - Guajalote	
FIELD OR PO	DOL BLOCK SURVEY		Eddia	STATE	NN	1
SOURCE OF	SAMPLE AND DATE TAKEN: Melrose Guajalote "A" #1.					
NO. 2	Melrose Hy State #1.					
NO. 3	Melrose Guajalote #2.					
NO. 4	Melrose Guajalote #3.	· · · · · ·				
REMARKS:						
	Cł	HEMICAL AND PHY	SICAL PROPI	ERTIES		
		NO. 1	<u> </u>	NO. 2	NO. 3	NO. 4
Specific Gravi	ity at 60° F.	1.1300	0	1.1242	1.1257	1.0030
pH When Sam	npled					
all When De-	-1	6.60	0	675	6 00	10.50

pH When Sampled				
pH When Received	6.60	6.75	6.88	10.56
Bicarbonate as HCO,	903	732	366	23,424
Supersaturation as CaCO <sub>3</sub>				
Undersaturation as CaCO <sub>3</sub>				
Total Hardness as CaCO,	10,800	10,200	11,000	4,200
Calcium as Ca	2,560	2,960	2,960	60
Magnesium as Mg	1,069	680	875	984
Sodium and/or Potassium	78,365	77,622	77,150	8,008
Sulfate as SO,	4,062	3,992	4,062	94
Chloride as Cl	124,960	123,540	123,540	1,633
Iron as Fe	1.5	1.5	124	9.9
Barium as Ba	0	0	0	0
Turbidity, Electric				
Color as Pt				
Total Solids, Calculated	211,919	209,526	208,953	34,203
Temperature °F.				
Carbon Dioxide, Calculated				
Dissolved Oxygen,				
Hydrogen Sulfide	0.0	0.0	0.0	0.0
Resistivity, ohms/m at 77° F.	0.056	0.057	0.057	0.440
Suspended Oil				
Filtrable Solids as mg/l				
Volume Filtered, mł				
	Results Reported As Milligram			1
Additional Determinations And Remarks	The undersigned certif	les the above to be t	rue and correct to th	e best of
his knowladge and halief				
his knowledge and belief.	water-			

Bу

Form No. 3

Greg Ogden, B.S.

HBP	H8P+ CG 4170	23 0 5 23 0 5 2924 24 2924 25	Yates Trigg 25 27 27 Fed-Sivley	Yotes Petures Viniage Cris Yares Dris Disgrit of the State States	S I D G. Se Sec.
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Spx Res etul ni (Pre)	Grober U. Hop E/2 Wright Struckey B-11276	A Inffat HE Yates ( New MASSON etail Herhung J Scale P12 Fec.) Her Herhung J Scale P12 Fec.) Her Herhung J Scale P12 Fec.)		Hammond to typ rent to tes Per 030752 vintage Oxon Product Per Fed 28 to set of the top to the top top to the top	10.015 BATT 220.153 MC
Hondo	Turkey Trock Tex.	Woolley   Trigg &, Show	H Porry A M Yates Jr TD395 Wright	FAT Fed Parry HBP	Hearing Kity pet Vintoge Drie 1.7 #2- Demonstration
8.6768	State Trock-St.	Milling States	72 Mil # (D.G. L 153 4) Harmond , 9925	Andream	
Pecos Prod. HBC LG-4215	Marbob Pecos Prod. 4.1.2004 E/2 V.5503 July 4036 L3853	C2736 4 Abo Peti 4	(Aztec) 2 COG OEG 3 Drig.	COG OEGI 2 MU Hansan	gtesPetWebbOil IR [ WILKE I
(Mglion on)	Index In Sec. 197	Allerado I	Vintage Drig.	015068 N Fed " 101881 1015060 AHR	
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	Bone Sox st. Anadarko Sors	NTD2073 N 56426 NTD2073 N 56426 NTD2073 N 56426 NTD2073 N 56426 NTD2073 N 56426 NTD2073 N 56426 NTD2073 N 1000 N 10000	Gruy Pet. AZTES St Mobil Potimilio I PIZ (Gru) St Corr. SS Corr.	Williams1 94 T990 062023	Autor de ser le iser éred autor de ser le iser éred autor de ser vi de ser vi de ser vi arte de ser vi
State	F132 - 10 2888 State 045-4-61	31 Mil.         31 Mil.           31 Mil.         31 Mil.           34 Million         10 Million           34 Million         10 Million           35 G4 26         COG OF 12           32 06         172 Million           32 06         172 Million           32 06         172 Million           32 06         172 Million           400 Control         10 Million           10 Million         10 Million           10 Million         10 Million           10 Million         10 Million           10 Million         10 Million           10 Million <td< th=""><th>33 57 \$ 34 00 \$ 34 12 \$ 34 45 1 Aztec-St" State (2005)</th><th>35 20 MERCE 31 35 78 18 08 MERCE SCIENCE SCIEN</th><th>26 36 - 36 6 - 15 0 - 3 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2</th></td<>	33 57 \$ 34 00 \$ 34 12 \$ 34 45 1 Aztec-St" State (2005)	35 20 MERCE 31 35 78 18 08 MERCE SCIENCE SCIEN	26 36 - 36 6 - 15 0 - 3 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2
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2 Mil	C.9 3 8b (Guff) cal	NM-54	l Cienca S.I.	"Porkway West Unit Parkwan : Y UI."	Collier 1.5MC

660' FSL AND 1980' FEL, Section 5, T19S, R29E MELROSE OPERATING COMPANY **GUAJALOTE STATE, WELL #2** Eddy County, New Mexico

# 1/2 MILE RADIUS WELLS:

Section 5	Location	Operator	Status
30 015 03562	G-5-19S-29E	Lubbock Machine Co., West Turkey Track Well #1	P&A (attached)
30 015 03563 30 015 22422	F-5-195-29E K-5-19S-29E	Willier Bros. UII Co., Turkey Track #1 Melrose Operating Co., Guajalote A #1	Producing
30 015 24806	J-5-19S-29E	Melrose Operating Co., Guajalote #1	Producing of
30 015 25074	G-5-19S-29E	Melrose Operating Co., Guajalote #3	Producing U
30 015 25292	I-5-19S-29E	Melrose Operating Co., Guajalote #4	Producing of
30 015 29337	J-5-19S-29E	OXY USA, Oxy Mako State #1	Producing of
30 025 29867	L-5-19S-29E	SDX Resources, Guajalote A #3	Never Drilled
Section 8			
30 015 03567	C-8-19S-29E	Continental, State 8, Well #1	P & A (attached)
30 015 29464	H-8-19S-29E	Oxy USA, Auto State #1	SI
30 015 33289	E-8-19S-29E	Bold Energy, TDC 8 State #2	Producing of

τ

# RECEIVED 2008 MRM argh 41202809

Oil Conservation Division Engineering Department 1220 S. St. Francis Drive Santa Fe, NM 87504

RE: Melrose Operating Company, Guajalote State, Well #2, 660 FSL & 1980 FEL, O-5-19S-29E, Eddy County, New Mexico

Please see attached the wellbore diagrams for the three/wells within the I/2 mile radius of the above referenced well. Also, please see attached the water analysis for the produced formation water for offsetting wells.

(PHA)

We submitted the Form C-108 on February 19, 2008. Thank you.

Yours truly,

Ann E. Ritchie, Regulatory Agent Melrose Operating Company c/o P.O. Box 953 Midland, TX 79702 432 684-6381 ann.ritchie@wtor.net

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#### NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

03562

(Form C-103) (Revised 7/1/52)

#### MISCELLANEOUS REPORTS ON WELLS

Submit this report in TRIPLICATE to the District Office, Oil Conservation Commission, within 10 days after the work specified is completed. It should be signed and filed as a report on Beginning Drilling Operations, Results of test of casing shut-off, result of plugging of well, result of well repair, and other important operations, even though the work was witnessed by an agent of the Commission. See additional instructions in the Rules and Regulations of the Commission.

Indicate Nature of Report by Checking Beld	Indicate	Nature	of	Report by	7 Checking	Below
--	----------	--------	----	-----------	------------	-------

REPORT ON BEGINNING DRILLING OPERATIONS		REPORT ON RESULT OF TEST OF CASING SHUT-OFF	REPORT ON REPAIRING WELL	
REPORT ON RESULT OF PLUGGING WELL	X	REPORT ON RECOMPLETION OPERATION	REPORT ON (Other)	

(Date)	1.955	Place
--------	-------	-------

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

Lebboek	Machino	Co. ]	136 o			Continental	-State	
		(Compan	y or Operator)			(Lease)		
	C. Q.		ntractor)		, Well No	in the		,
т <b>199</b> ,	r. <b>295</b> ,	NMPM	Nest	r. Speck	Pool,			County.
The Dates of	this work we	ere as fol	iows:	-10-54				••••
Notice of int	ention to do	the wor	k (was) (was not)	submitted on Forn	C-102 on	Cross out incorrect wo	rds)	19,

and approval of the proposed plan (was) (was not) obtained.

#### DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

Hole filled with med to 2440°, comment plug run 2440° to 2400°, 10 each plug set on study of 7° caring at 1375°. S sack commut plug set at base of salt 0 725°. 10 sack commut plug set top of salt 0 355°. Palled 175° of 8 5/0° cag. REFULATION MARKER SET.

en Constante

Witnessed by..... (Name) (Company) (Title) I hereby certify that the information given above is true and complete Approved OIL CONSERVATION COMMISSION to the best of my knowledge. × Name..... Position. Representing Labback Machina Co. Inc. Address PeOe Ber 1589, Labbook TERAS (Title) (Date)

#### NEW MEXICO OIL CONSERVATION COMMISSION

#### Santa Fe, New Mexico

#### MISCELLANEOUS NOTICES

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

#### Indicate Nature of Notice by Checking Below

ENTION
ENTION ITO)
ENTION
t

SANTA FE, NEW MEXICO

-----

Gentlemen:

Eoflowing is a Notice of Intention to do certain work as described below at the ......Well No..... State 95 R 29E NMPM. .1/4 of Sec ... Edden .....County

FULL DETAILS OF PROPOSED PLAN OF WORK (FOLLOW INSTRUCTIONS IN THE RULES AND REGULATIONS)

TD= 3007 ft, Pilugged back 2713 ft. Set cement peux 2440-2400 Cement plug at tepp of 7" steet Fo Saf at bore of Palt @ 725 10 Save Base of 8 for top palt. Well w, Approved. Except as follows: erston By. Position..... Approved Send Communications regarding well to: OIL CONSERVATION COMMISSION By..... Name. Title Address

NEW MEXICO OIL CONSERVATION COMMINSION

·}-

Santa Fe, New Mexico

83563

(Form C-163) (Revised 7/1/52)

### MISCELLANEOUS REPORTS ON WELLS

Submit this report in TRIPLICATE to the District Office, Oil Conservation Commission, within 10 days after the work specified is completed. It should be signed and filed as a report on Beginning Drilling Operations, Results of test of casing shut-off, result of plugging of well, result of well repair, and other important operations, even though the work was witnessed by an agent of the Commission. See additional instructions in the Rules and Regulations of the Commission.

instructions in the Autos and Acgulan			e of Repo	ort by Checking	g Below			
REPORT ON BEGINNING DRILLING OPERATIONS		REPORT O		LT OF TEST OFF		REPORT ON REPAIRING		
REPORT ON RESULT OF PLUGGING WELL	x	REPORT C OPERATIO		MPLETION		EPORT ON Other)		
			(Date)	18, 1954		Art	esia, N.	M.
Following is a report on the wo	rk done a	nd the results	obtained	under tne headi	ing noted a	bove at the		
Willer Bro		Co.	Jones	& Watkins		State		
(Company or (	Operator)					(T.6886)	NU	Ę
(Contrac	ior f		••••••	Well No	in t	he <sup>1</sup> /	1 <sup>1</sup> /4 (	of Sec
T19 , R 29 , NMPM,	Turkey	Track		Pool,		Eddy	•	County
The Dates of this work were as follows:	Mar	ch. 195)						
15° cament 2733 to 2748 Cut 7° casing at 1750°.								
Set 5 sacks cement on b	ridge	9 <b>170</b> 0						
Set 5 " "	<b>9</b>	@ 8 <b>00</b> ª						
Set 10 " "	<b>1</b> 7	@ 1 <b>0</b> 01				1	2 p. u	.)
Pulled 8 5/8 casing						ſ	, 0, a	/ .
Mudded hole to surface	and se	t marker						
Witnessed by CHARLES V		ER.		(Company)	IL CO.		(Title)	
Approved: OIL CONSERVATION	i commi	ISSION		I hereby certif to the best of			ven above is tr	ue and complet
Lo. G. Atan	son			· Name	1/	Mi	lla	
(Name	e)		>	Position	Pert	ner	/	
				Representing	MII	LER BROS	• OIL CO.	<u> </u>
(Title)		(Dat		Address	809	5 S. Fift	h St.	

Address.....

Artesia, N. M.

1

New Mexico

**OIL CONSERVATION COMMISSION** 



GOVERNOR EDWIN L. MECHEM CHAIRMAN

LAND COMMISSIONER E.S.WALKER MEMBER

STATE GEOLOGIST R.R.SPURRIER SECRETARY AND DIRECTOR

P. O. BOX 871 SANTA FE, NEW MEXICO

July 8 1954

Dear Sir:

Miller Bros. Oil Co., \$5,000.00 one-well Re: bond; SE NW 5-198-298; Amer. Employers'; 1-17-51

Our records show that the well drilled under coverage of the above-captioned one-well plugging bond has been satisfactorily plugged for abandonment in accordance with requirements of this Commission.

The plugging bond may therefore be cancelled. Formal cancellation will be issued upon your application as principal. If you so desire, please indicate below and return this letter to us, and cancellation will be approved, with notification going to your surety company.

Very truly yours,

R. R. SPURRIER, Secretary - Director

RRS:nr

OPERATOR'S REQUEST FOR CANCELLATION

Please consider this my request for cancellation of the above-described one-well plugging bond.

To: Miller Brog. Oil Co. 805 Fifth St ARTESIA NH

**Operator's Signature** 

Date:

File in Well Folder

COLD B. H.

		2242	12
ND. OF COMENNECTION		Form C-105	
DISTRIBUTICI		Hevised bits	
SANT & FE NEW MEXICO OIL CONSER	VATION COMMISSION	Co. In floate Type c	۲،
FILE VELL COMPLETION OR RECOMP	LETION REPORT AND L	OG S, Cante and S Mar	fre [_ ]
U.S.G.S.		5. oung our 5. oons	1,0458 1.0.
LAND OFFICE		L-1022	
COLLENT BOM			i IIIIIII
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			.*
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Mor()ilCo, Inc.	JUN 18 1984	#1	· · · · · · · · · · · · · · · · · · ·
	001110 1304		
P.O. Drawer T Artesia, NM 88210		Loco Hills	Q-G-SA
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B.         CASING RECORD (Report of CASING \$12 E           9.5/8"         36#           3000'         12.1/	2E CEMENTING 4" 1615 sx. HOWCO 200 sx. Cl H C 3c. 3c. 512E 2 3/8"	RECORD AN Lite, ement TUBING RECORD DEPTH SET 2500'	PACKER SET
B.     CASING RECORD (Report of CASING SIZE       9.5/8"     36#       3000"     12.1/       2.     LINER RECORD       37.6     TOP       BOTTOM     SACES CEMENT       1.1 of a model survey     32	2E CEMENTING 4" 1615 SX. HOWCO 200 SX. C1 H C 3C. SCREEN SIZE 2.3/8" ACID, SHOT, FRACTU	RECORD AN Lite, ement TUBING RECORD DEPTH SET 2500' JRE, CEMENT SQUEEZE,	PACKER SET
B.       CASING RECORD (Report of CASING SIZE         9       5/8"       36#       3000*       12       1/         9       5/8"       36#       3000*       12       1/         9       5/8"       36#       3000*       12       1/         9       5/8"       36#       3000*       12       1/         9       5/8"       36#       3000*       12       1/         9       5/8"       00       00*       12       1/         9       5/8"       00*       00*       12       1/         9       5/8"       00*       00*       12       1/         9       5/8       TOP       DOTTOM       SACKS CEMENT       9         9       1       1       0*       0*       1       1         9       1       1       0*       0*       0*       1       1         9       1       1       0*       0*       0*       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1 <t< th=""><td>2E CEMENTING 4" 1615 SX. HOWCO 200 SX. C1 H C 3c. 3c. 3c. 3c. 3c. 3c. 4. 2.3/8" ACID, SHO1, FRACTU DEPTHINTERVAL</td><td>RECORD AN Lite, ement TUBING RECORD DEPTH SET 2500' JRE, CEMENT SQUEEZE, AMOUNT AND KIND MAT</td><td>PACKER SET</td></t<>	2E CEMENTING 4" 1615 SX. HOWCO 200 SX. C1 H C 3c. 3c. 3c. 3c. 3c. 3c. 4. 2.3/8" ACID, SHO1, FRACTU DEPTHINTERVAL	RECORD AN Lite, ement TUBING RECORD DEPTH SET 2500' JRE, CEMENT SQUEEZE, AMOUNT AND KIND MAT	PACKER SET
B.       CASING RECORD (Report of CASING SIZE         9       5/8"       36#       3000*       12       1/         9       5/8"       36#       3000*       12       1/         9       5/8"       36#       3000*       12       1/         9       5/8"       36#       3000*       12       1/         9       5/8"       36#       3000*       12       1/         9       5/8"       00       00*       12       1/         9       5/8"       00*       00*       12       1/         9       5/8"       00*       00*       12       1/         9       5/8       TOP       DOTTOM       SACKS CEMENT       9         9       1       1       0*       0*       1       1         9       1       1       0*       0*       0*       1       1         9       1       1       0*       0*       0*       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1 <t< th=""><td>ZE         CEMENTING           4"         1615 sx. HOWCO           200 sx. Cl H C           30.           40.           30.           40.           30.           30.           30.           30.           30.           30.           30.           30.           30.           30.           30.           30.           30.           30.           30.           30.</td><td>RECORD AN Lite, cement TUBING RECORD DEPTH SET 2500' RE, CEMENT SQUEEZE, AMOUNT AND KIND MAT gal 20% DS - 30</td><td>PACKER SET</td></t<>	ZE         CEMENTING           4"         1615 sx. HOWCO           200 sx. Cl H C           30.           40.           30.           40.           30.           30.           30.           30.           30.           30.           30.           30.           30.           30.           30.           30.           30.           30.           30.           30.	RECORD AN Lite, cement TUBING RECORD DEPTH SET 2500' RE, CEMENT SQUEEZE, AMOUNT AND KIND MAT gal 20% DS - 30	PACKER SET
CASING RECORD (Report of CASING SIZE         9       5/8"       36#       3000"       12       1/         9 $5/8"$ $36#$ $3000"$ $12$ $1/$ 2.       LINER RECORD $3000"$ $12$ $1/$ 3.       LINER RECORD $3000"$ $12$ $1/$ 3.       LINER RECORD $3000"$ $12$ $1/$ $3170$ DOITOM $3ACK5$ CEMENT $9$ $3170$ DOITOM $3ACK5$ CEMENT $9$ $2586 - 89 - 91 - 92 - 94 - 95 - 2656 - 2656 - 2665 - 26656 - 2676 - $	ZE         CEMENTING           4"         1615 sx. HOWCO           200 sx. Cl H C           30.           40.           30.           40.           30.           30.           30.           30.           30.           30.           30.           30.           30.           30.           30.           30.           30.           30.           30.           30.	RECORD AN Lite, cement TUBING RECORD DEPTH SET 2500' RE, CEMENT SQUEEZE, AMOUNT AND KIND MAT gal 20% DS - 30 gal gel water,	PACKER SET
B.       CASING RECORD (Report of CASING SIZE         9       5/8"       36#       3000*       12       1/         9       5/8"       36#       3000*       12       1/         9       5/8"       36#       3000*       12       1/         9       5/8"       36#       3000*       12       1/         9       5/8"       36#       3000*       12       1/         9       5/8"       36#       3000*       12       1/         9       5/8"       56#       36#       300*       12       1/         9       5/6       89       91       92       94       95       -       25%       6       89       91       92       94       95       -       26%       4       17       19       21       22       24       39       42       44       25	ZE         CEMENTING           4"         1615 sx. HOWCO           200 sx. Cl H C           30.           40.           30.           40.           30.           30.           30.           30.           30.           30.           30.           30.           30.           30.           30.           30.           30.           30.           30.           30.	RECORD AN Lite, cement TUBING RECORD DEPTH SET 2500' RE, CEMENT SQUEEZE, AMOUNT AND KIND MAT gal 20% DS - 30	PACKER SET
CASING RECORD (Report of CASING SIZE         9       5/8"       36#       3000"       12       1/         9 $5/8"$ $36#$ $3000"$ $12$ $1/$ 2.       LINER RECORD $3000"$ $12$ $1/$ 3.       LINER RECORD $3000"$ $12$ $1/$ 3.       LINER RECORD $3000"$ $12$ $1/$ $3170$ DOITOM $3ACK5$ CEMENT $9$ $3170$ DOITOM $3ACK5$ CEMENT $9$ $2586 - 89 - 91 - 92 - 94 - 95 - 2656 - 2656 - 2665 - 26656 - 2676 - $	ZE         CEMENTING           4"         1615 sx. HOWCO           200 sx. Cl H C           20 sx. cl H C           20 sx. cl H C	RECORD AN Lite, cement TUBING RECORD DEPTH SET 2500' RE, CEMENT SQUEEZE, AMOUNT AND KIND MAT gal 20% DS - 30 gal gel water,	PACKER SET
CASING RECORD (Report of CASING SIZE         9 $5/8"$ $36\#$ $3000^{1}$ $12 1/$ 9 $5/8"$ $36\#$ $3000^{1}$ $12 1/$ $3.$ LINER RECORD $3.$ LINER RECORD $3.$ $100 \text{ LOW}$ $3ACES \text{ CEMENT}$ $5$ $25E6 - 89 - 91 - 92 - 94 - 95 - 26:4 - 17 - 19 - 21 - 22 - 24 - 39 - 42 - 44$ $12$ $12$ $46 - 67 - 69 - 70$ $19$ $5$ " boles $12$ $12$	2E CEMENTING 4" 1615 sx. HOWCO 200 sx. Cl H C 30. CREEN SIZE 2.3/8" ACID, SHO1, FRACTU DE9THINTERVAL 86 - 2670 2000 6000 20-4	RECORD AN Lite, cement TUBING RECORD DEPTH SET 2500' RE, CEMENT SQUEEZE, AMOUNT AND KIND MAT gal 20% DS - 30 gal gel water,	PACKER SET
B.       CASING RECORD (Report of 0.578"         9.578"       36#       3000"       12.17         2.       LINER RECORD         2.       LINER RECORD         37.0       TOP       BOITOM       SACKS CEMENT         2.       TOP       BOITOM       SACKS CEMENT       9.578         2.       TOP       BOITOM       SACKS CEMENT       9.578         2.       TOP       BOITOM       SACKS CEMENT       9.578         2.586       89       91       92       94       95       9.578         2586       89       91       92       94       95       9.578       2.578         2586       89       91       92       94       95       9.578       2.578         2586       89       91       92       94       95       9.578       2.578         266.4       17       19       21       22       24       39       42       44         19       .577       boles       PRODUCT       17       19       17       19       17       19       17       19       17       19       17       19       17       10       10       10	2E CEMENTING 4" 1615 sx. HOWCO 200 sx. Cl H C 30. CREEN SIZE 2.3/8" ACID, SHO1, FRACTU DE9THINTERVAL 86 - 2670 2000 6000 20-4	RECORD AN Lite, Cement TUBING RECORD DEPTH SET 2500' URE, CEMENT SQUEEZE, AMOUNT AND KIND MAT gal 20% DS - 30 gal gel water, 0 Sand	PACKER SET
B.       CASING RECORD (Report of OPTH SET         9.5/8"       36#       3000"       12.1/         3.       LINER RECORD         3.000.0       SACKS CEMENT         3.000.0       SACKS CEMENT </th <td>2E CEMENTING 4" 1615 sx. HOWCO 200 sx. Cl H C 30. CREEN SIZE 2.3/8" ACID, SHO1, FRACTU DE9THINTERVAL 86 - 2670 2000 6000 20-4</td> <td>RECORD AN Lite, Cement TUBING RECORD DEPTH SET 2500' URE, CEMENT SQUEEZE, AMOUNT AND KING MAT gal 20% DS = 30 gal gel water, 0 Sand</td> <td>NO PACKER SET . ETC. EE(AL USEC </td>	2E CEMENTING 4" 1615 sx. HOWCO 200 sx. Cl H C 30. CREEN SIZE 2.3/8" ACID, SHO1, FRACTU DE9THINTERVAL 86 - 2670 2000 6000 20-4	RECORD AN Lite, Cement TUBING RECORD DEPTH SET 2500' URE, CEMENT SQUEEZE, AMOUNT AND KING MAT gal 20% DS = 30 gal gel water, 0 Sand	NO PACKER SET . ETC. EE(AL USEC 
B.       CASING RECORD (Report of 0.25ING \$125E)         9.5/8"       36#       3000"       12.1/         9.5/8"       36#       3000"       12.1/         9.5/8"       36#       3000"       12.1/         9.5/8"       36#       3000"       12.1/         9.5/8"       36#       3000"       12.1/         9.5/8"       36#       3000"       12.1/         9.7E       TOP       DOTTOM       SACKS CEMENT       9         9.7E       TOP       DOTTOM       SACKS CEMENT       9         9.7E       TOP       DOTTOM       SACKS CEMENT       9         25E6       89       91       92       94       95       -         26E4       17       19       21       22       24       39       42       44         46       67       69       70       19       .5" boles       -       -       25         9       .5" boles       Productor Extra (Thomage zus hit, program       -       -       -       -         19       .5" boles       Pumpipz       -       -       -       -       -         1/[E4]       Pumpipz       Thomage trap of the<	ZE         CEMENTING           4"         1615         sx. HOWCO           200         sx. Cl H C           30.         30.           30.         312E           30.         3000           6000         2000           6000         20-4           30N         Star and type partial           Star and type partial         410 - MOT	RECORD AN Lite, Cement TUBING RECORD DEPTH SET 2500' URE, CEMENT SQUEEZE, AMOUNT AND KIND MAT gal 20% DS = 30 gal gel water, 0 Sand Velicitum (Prod. Producing Water - 191.	PACKER SET
B.       CASING RECORD (Report of CASING RECORD (Report of 9 5/8")         9 5/8"       36#       OPTH SET       ROLE SI 12 1/         9 5/8"       36#       30001       12 1/         2.       LINER RECORD         2.       LINER RECORD         3.7 E       TOP       BOITON       SACKS CEMENT         9.7 E       TOP       BOITON       SACKS CEMENT       S         2.1 educe the land land to the land to t	ZE         CEMENTING           4"         1615         sx. HOWCO           200         sx. Cl H C           30.         30.           30.         312E           30.         3000           6000         2000           6000         20-4           30N         Star and type partial           Star and type partial         410 - MOT	RECORD AN Lite, ement TUBING RECORD DEPTH SET 2500' URE, CEMENT SQUEEZE, AMOUNT AND KIND MAT gal 20% DS = 30 gal gel water, 0 Sand Well Strikes (Prod. Producing	PACKER SET
B.       CASING RECORD (Report of CASING RECORD (Report of 9 5/8")         9 5/8"       36#       OPTH SET       ROLE SI 12 1/         9 5/8"       36#       30001       12 1/         2.       LINER RECORD         2.       LINER RECORD         3.7 E       TOP       BOITON       SACKS CEMENT         9.7 E       TOP       BOITON       SACKS CEMENT       S         2.1 educe the land land to the land to t	ZE         CEMENTING           4"         1615         sx. HOWCO           200         sx. Cl H C           30.         30.           30.         312E           30.         3000           6000         2000           6000         20-4           30N         Star and type partial           Star and type partial         410 - MOT	RECORD AN Lite, Sement TUBING RECORD DEPTH SET 2500' URE, CEMENT SQUEEZE, AMOUNT AND KIND MAT gal 20% DS - 30 gal gel water, 0 Sand Vell Status (Prod. Producing Water - 191) 25 oh. Cal Grivity	No.       PACKER SET
B.       CASING RECORD (Report of CASING RECORD (Report of 9 5/8")         9 5/8"       36#       30001       12 1/         3.       LINER RECORD         3.7 E       TOP       BOTTOM       SACKS CEMENT         3.       LINER RECORD         3.7 E       TOP       BOTTOM       SACKS CEMENT         2.5 E       6       89 - 91 - 92 - 94 - 95 -         2.6 E       PRODUCT         3.7 E       PRODUCT         19       S' boles         2.       Production to the total temp ing         3.7 E       Production to the total temp ing         3.7 E       Pr	ZE         CEMENTING           24"         1615 sx. HOWCO           200 sx. Cl H C           200 sx. Cl H C           3c.           3c.           3creen           3c.           3creen           3c.           3creen           3c.           3creen           3c.           3creen	RECORD AN Lite, Pement TUBING RECORD DEPTH SET 2500' RE, CEMENT SQUEEZE, AMOUNT AND KIND MAT gal 20Z DS - 30 gal gel water, 0 Sand Veh State, (Prod. Producing Water - St.L 25 Col Grivity	No.       PACKER SET
B.       CASING RECORD         CASING SIZE       WEIGHT LB. FT       DEPTH SET       HOLE SI         9 $5/8"$ $36\%$ $3000"$ $12 1/$ 9 $5/8"$ $36\%$ $3000"$ $12 1/$ 2.       LINER RECORD $12 1/$ $12 1/$ 2.       LINER RECORD $36\%$ $3000"$ $12 1/$ 2.       LINER RECORD $36\%$ $3000"$ $12 1/$ 2.       LINER RECORD $36\%$ $56\%$ $56\%$ 9.7 C       TOP       BOTTOM $3ACKS CEMENT$ $9$ 2.1       CASING RECORD $57\%$ $56\%$ $56\%$ $56\%$ 2.5 (6 - 89 - 91 - 92 - 94 - 95 - $26.4 - 17 - 19 - 21 - 22 - 24 - 39 - 42 - 44$ $25\%$ $25\%$ 2.6 (4 - 17 - 19 - 21 - 22 - 24 - 39 - 42 - 44 $25\%$ $46 - 67 - 69 - 70$ $19$ $5\%$ boles $5\%$ $70$	ZE         CEMENTING           24"         1615 sx. HOWCO           200 sx. Cl H C           200 sx. Cl H C           3c.           3c.           3creen           3c.           3creen           3c.           3creen           3c.           3creen           3c.           3creen	RECORD AN Lite, Sement TUBING RECORD DEPTH SET 2500' URE, CEMENT SQUEEZE, AMOUNT AND KIND MAT gal 20% DS - 30 gal gel water, 0 Sand Vell Status (Prod. Producing Water - 191) 25 oh. Cal Grivity	No.       PACKER SET
B.       CASING RECORD (Report of CASING RECORD (Report of 9 5/8")         9 5/8"       36#       OPTH SET       ROLE SI 12 1/         9 5/8"       36#       30001       12 1/         2.       LINER RECORD         2.       LINER RECORD         3.7 E       TOP       BOITON       SACKS CEMENT         9.7 E       TOP       BOITON       SACKS CEMENT       S         2.1 educe the land land to the land to t	ZE         CEMENTING           24"         1615 sx. HOWCO           200 sx. Cl H C           200 sx. Cl H C           3c.           3c.           3creen           3c.           3creen           3c.           3creen           3c.           3creen           3c.           3creen	RECORD AN Lite, Sement TUBING RECORD DEPTH SET 2500' URE, CEMENT SQUEEZE, AMOUNT AND KIND MAT gal 20% DS - 30 gal gel water, 0 Sand Vell Status (Prod. Producing Water - 191) 25 oh. Cal Grivity	No.       PACKER SET
B.       CASING RECORD         CASING SIZE       WEIGHT LB., FT       DEPTH SET       HOLE SI         9 $5/8"$ $36\#$ $3000"$ $12 1/$ 9 $5/8"$ $36\#$ $3000"$ $12 1/$ 2.       LINER RECORD $12 1/$ 2.       LINER RECORD $36\%$ $56\%$ 9 $70°$ DOTTOM $5ACKS CEMENT$ $9$ 2.       Control of the first statement, and the first $56\%$ $50\%$ $50\%$ $50\%$ $50\%$ $70\%$ $50\%$ $70\%$ <	ZE         CEMENTING           4"         1615 sx. HOWCO           200 sx. Cl H C           30.           30.           30.           30.           30.           30.           30.           30.           30.           30.           30.           30.           30.           30.           30.           30.           30.           312E           2.3/8"           ACID, SHOT, FRACTL           DEPTH INTERVAL           865 - 2670           6000           20-4           30N           Stee and type penale           401.           302.           303.           304.           305.           306.           307.           308.           309.           300.           300.           301.           302.           303.           304.           305.           306.           307.           3	RECORD AN Lite, Pement TUBING RECORD DEPTH SET 2500' URE, CEMENT SQUEEZE, AMOUNT AND KIND MAT gal 20% DS - 30 gal gel water, 0 Sand Velicities (Prod. Producing Water - 50.) 25 ph. Cal Constity 40 Test Willessed by	No.       PACKER SET
B.       CASING RECORD         CASING SIZE       WEIGHT LB., FT       DEPTH SET       HOLE SI         9       5/8"       36#       3000"       12       1/         9       5/8"       36#       3000"       12       1/         2       LINER RECORD       12       1/       12       1/         2       LINER RECORD       36.4       3000"       12       1/         2       LINER RECORD       36.4       12       1/       1/         2       LINER RECORD       36.4       12       1/       1/         1       LINER RECORD       36.4       12       1/       1/         2       10       DOTTOM       SACKS CEMENT       9       1/         2       516       89       91       92       94       95       -         2       25       6       89       91       92       94       95       -         2       25       6       89       91       92       94       95       -         2       25       6       7       69       70       15       -       25         19       .5" boles	ZE         CEMENTING           4"         1615 sx. HOWCO           200 sx. Cl H C           30.           30.           30.           30.           30.           30.           30.           30.           30.           30.           30.           30.           30.           30.           30.           30.           30.           312E           2.3/8"           ACID, SHOT, FRACTL           DEPTH INTERVAL           865 - 2670           6000           20-4           30N           Stee and type penale           401.           302.           303.           304.           305.           306.           307.           308.           309.           300.           300.           301.           302.           303.           304.           305.           306.           307.           3	RECORD AN Lite, Pement TUBING RECORD DEPTH SET 2500' URE, CEMENT SQUEEZE, AMOUNT AND KIND MAT gal 20% DS - 30 gal gel water, 0 Sand Velicities (Prod. Producing Water - 50.) 25 ph. Cal Constity 40 Test Willessed by	No.       PACKER SET
B.       CASING RECORD (Report of the set of t	ZE         CEMENTING           '4"         1615         sx. HOWCO           200         sx. Cl H C           200         sx. Cl H C           3c.            icreen         size           2.3/8"            ACID, SHOT, FRACTU            DEPTH INTERVAL            86 - 2670         2000           6000         20-4           ION         Size and (spin panap)           Size and (spin panap)            Constant (spin panap) <t< td=""><td>RECORD AN Lite, Pement TUBING RECORD DEPTH SET 2500' URE, CEMENT SQUEEZE, AMOUNT AND KIND MAT gal 20% DS - 30 gal gel water, 0 Sand Velicities (Prod. Producing Water - 50.) 25 ph. Cal Constity 40 Test Willessed by</td><td>No.       PACKER SET      </td></t<>	RECORD AN Lite, Pement TUBING RECORD DEPTH SET 2500' URE, CEMENT SQUEEZE, AMOUNT AND KIND MAT gal 20% DS - 30 gal gel water, 0 Sand Velicities (Prod. Producing Water - 50.) 25 ph. Cal Constity 40 Test Willessed by	No.       PACKER SET
B.       CASING RECORD         CASING SIZE       WEIGHT LB., FT       DEPTH SET       HOLE SI         9 $5/8"$ $36\#$ $3000"$ $12 1/$ 9 $5/8"$ $36\#$ $3000"$ $12 1/$ 2.       LINER RECORD $12 1/$ 2.       LINER RECORD $36\%$ $56\%$ 9 $70°$ DOTTOM $5ACKS CEMENT$ $9$ 2.       Control of the first statement, and the first $56\%$ $56\%$ $56\%$ $56\%$ 2. $100$ $100$ $5ACKS CEMENT$ $9$ $12 1/$ 2. $100$ $100$ $5ACKS CEMENT$ $9$ $25\%$ $6 - 89 - 91 - 92 - 94 - 95 - 26.4 - 39 - 42 - 44$ $100$ $100$ $100$ $25\%$ $6 - 67 - 69 - 70$ $100$ $100$ $100$ $100$ $100$ $19$ $5"$ boles $100$ $100$ $100$ $100$ $19$ $5"$ $100$ $100$ $100$ $100$ $100$ $19$ $5"$ $100$ $100$ $1000$ $100$	ZE         CEMENTING           '4"         1615         sx. HOWCO           200         sx. Cl H C           200         sx. Cl H C           3c.            icreen         size           2.3/8"            ACID, SHOT, FRACTU            DEPTH INTERVAL            86 - 2670         2000           6000         20-4           ION         Size and (spin panap)           Size and (spin panap)            Constant (spin panap) <t< th=""><th>RECORD AN Lite, Pement TUBING RECORD DEPTH SET 2500' URE, CEMENT SQUEEZE, AMOUNT AND KIND MAT gal 20% DS - 30 gal gel water, 0 Sand Velicities (Prod. Producing Water - 50.) 25 ph. Cal Constity 40 Test Willessed by</th><th>PACKER SET</th></t<>	RECORD AN Lite, Pement TUBING RECORD DEPTH SET 2500' URE, CEMENT SQUEEZE, AMOUNT AND KIND MAT gal 20% DS - 30 gal gel water, 0 Sand Velicities (Prod. Producing Water - 50.) 25 ph. Cal Constity 40 Test Willessed by	PACKER SET

to Appropriate District Office	Ene . Minerals and Natural	Resources Department		-\ Form C-103 Revised 1-1-89
DISTRICT I P.O. Box 1980, Hobbs, NM 88240	OIL CONSERVAT		WELL API NO.	
DISTRICT II P.O. Drawer DD, Artesia, NM 88210	Santa Fe, New Mexic		5. Indicate Type	30-015-22422
DISTRICT III				STATE X FEE
1000 Rio Brazos Rd., Aztec, NM 87410	······		6. State Oil & Ga L-102	
( DO NOT USE THIS FORM FOR PRO DIFFERENT RESENT	ICES AND REPORTS ON W DPOSALS TO DRILL OR TO DEEPI RVOIR. USE "APPLICATION FOR F -101) FOR SUCH PROPOSALS.		7. Lease Name or	Unit Agreement Name
I. Type of Well: OIL GAS WELL X WELL	OTHER		Guajalo	te A State
2. Name of Operator SDX Resources, Inc.		APR 1 1 199/	8. Well No.	
3. Address of Operator 2. O. Box 5061, Midlan	nd, TX 79704 🔿 🕅	CON. MW.	9. Pool same or W	/ildcat 1s-QN-GR-SA
4. Well Location	Feet From The South	Line and 1980	Feet From	The West Line
-		20		
Section 5	Township 19 10. Elevation (Show whether	Range 29 r DF, RKB, RT, GR, etc.)	NMPM	Eddy County
	GR 3406'	Nature of Motion De		<u>V////////////////////////////////////</u>
II. Check A NOTICE OF INT	Appropriate Box to Indicate ENTION TO:		SEQUENT R	
		REMEDIAL WORK		
	CHANGE PLANS	COMMENCE DRILLING	OPNS.	
PULL OR ALTER CASING		CASING TEST AND CEI	VENT JOB	
OTHER:	🛛	OTHER: Added per ment.	fs in GR 22	<u>83-2409' &amp; treat-</u> X
12. Describe Proposed or Completed Operati work) SEE RULE 1103.	ons (Clearly mate all pertinent details, a	and give pertinent dates, include	ing estimated date of	starting any proposed
3/18/97 jts 2-7/8" th TOH w/tbg. H 26', 27', 82' 94', 96', and tbg & set @ 2		Test RTBP, csg, s follows: 2283' ', 32', 47', 53', holes. TIH w/Ha	& BOP to 3 , 88', 2300 68', 76', 11iburton R	00 psi, tested good. ', 13', 15', 22', 78', 82', 90', 92', TTS pkr & 71 jts
15% NEFE w/L	TH to 2505'. PU to 2 55 clay stabilizer & M	SR agent & 65 bal	1 sealers.	
	& frac'd down 2-7/8" sd. Ran pump & rods.			
3/23/97 Put on pump t 3/31/97	cest. Rate establishe	d @ 13 BO & 30 BW	1.	
I hereby certify that the information above is true a	and complete to the best of my knowledge and	l belief.		
skinature fanice	Courtney 11	ne <u>Regulatory</u> Te	ch	DATE 4/9/97
TYPE OR PRENT NAME Janice Co	Ourtney U			915/685-1761 TELEPHONE NO.
(This space for State Use) (15) (15) (15) (15) (15) (15) (15) (15	o sy the W. Suk Ervisor			APR 17 1997
APPROVED BY		ne		DATE

CONDITIONS OF APPROVAL, IF ANY:

**4**<sup>20</sup> - 1

RECEIVED BY DISTRIBUTION NTAFE E 	Form C - 103 Supressedes (31d C-102 and C-103 Effective 1-1-65 State [3] For [3] State [3] For [3]
O. C. D.	
SUNDRY NOTICES AND REPORTS ON WELLS TOO NOT USE THE FORM THE PART TO ALL THE TO PRETEND AND TO PRETEND TO A DEFENSION RESERVOID.	
	7. Unit Agreen of Hane 6. Fam et Lease Nome
forOfilCo, Inc.	<u>Cuajalote State</u> 9. Well No.
3.0. Drawer 1.     Artesia. NM 88210       control of Net1     1080	#1 10. Freid and pool, or Wildort
UNIT LETTER	
3403.1 GL	•
Check Appropriate Box To Indicate Nature of Notice, Report or Oth NOTICE OF INTENTION TO: SUBSEQUENT	
* CDM REMEDIAL WORK       PLUC AND ABANDON       REMEDIAL WORK         * CDM REMEDIAL WORK       COMMENCE DRILLING ODNS.       COMMENCE DRILLING ODNS.         • CD ALTEN CASING       CHANGE PLANS       CASING TENT AND CEMENT JOD         • CD MER_       POTF. & ACIDIZE	ALVERING CASING

Describe Propered of Completed Operations (Clearly state all pertinent details, and give partment dates, including estimated date of starting any proposerack) SEE RULE 1903.

Perforate .5 holes as follows: 2283, 84, 89, 90, 91, 2320, 21, 2392, 93, 95, 97, 2412, 2447, 48, 52, 53, 54. Acidize with 2500 gal. DS-30 acid. Frac with 40,000 gal. gelled 22 KCL & 70,000# 20/40 sand.

hereby certify that the information above is true and complete to the best of my knowledge and belief.	a na ann an Anna an Ann
fral if yelange mer Operator	DATE 11/7/84
Original Signed By Leslie A. Clements Supervisor District II	NOV 29 1984
NTIONS OF ADDIDOVAL, IF ANY:	

LANG OFFICE O. C. D. OPERALON ACCINE I. TYPE OF COMPLETION NELL X CAS NELL X CAS NEL	-LA per of Lease Elan [
Distribution       Image: Second	Continente Continente Continente Continente Continente Le State
SANTA FE       Solution         FILE       Solution         U.S.G.S.       WILL CONDLETION REPORT AND LOG         LANELOFFICE       O. C. D.         OPEFRIDE       ARTESIA, OFFICE         Id. TYPE OF COMPLETION       Completion         Veloc       Sans         Veloc       O. C. D.         OPEFRIDE       Sans         Id. TYPE OF COMPLETION       Sans         Veloc       Sans         Sans       Sans      <	Ever
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MorOilCo, Inc. 3. Addition of the evaluation P.O. Drawer I Artesia, NM 88210 S. Loco	
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THE East LINE OF THE 5 TWF. 195 REE 29E NMPM	- ATTTTT
15, Date Spudded 16, Date T.D. Reached 17, Date Campl. (Ready to Prod.) [18, Elevations (DF, RNB, NT, GK, etc.) 19, 13	iv. Cashinghead
11/8/84 11/14/84 11/21/84 3394.7 GR	
20. Total Depth 21. Frag back T.L. 22. If Multiple Congl., How 23. Intervals ( Doubert By )	Culle Teela
2830' Rotary	
24. Pre larine: Interved(s), of this coupletion = Ter, Action, None [25,	Was Directional durve
2352' - 2715' (Grayburg)	1.72.10
2026' - 2223' (Penrose)	Үеб
	Weil Cored
Litho Density - CN - GR No	
22, CASING RECORD (Report all strings set in well)	
CASING SIZE WEIGHT LB., FT. DEPTH SET HOLE SIZE CEMENTING RECORD	AMOUNT PULLED
8-5/8" 24# 345' 12-3/4" 270 sx. C1 "C" 2% CaCl	· · · · · · · · · · · · · ·
4-1/2" 9.5# 2827' 7-7/8" 450 sx. C1 "C" 5% CF-1, 2%	
AFS 2% KC1	
	)
	PACKER SET
29, LINER RECORD 30. TUBING RECOR	PACKER SET
29. LINER RECORD 30. TUBING RECOR SIZE TOP BOTTOM SACKS CEMENT SCREEN SIZE DEPTH SET	and a second
29.     LINER RECORD     20.     TUBING RECOR       SIZE     TOP     BOTTOM     SACKS CEMENT     SCREEN     SIZE     DEPTH SET       SIZE     TOP     BOTTOM     SACKS CEMENT     SCREEN     SIZE     DEPTH SET       SIZE     TOP     BOTTOM     SACKS CEMENT     SCREEN     SIZE     DEPTH SET       SIZE     TOP     BOTTOM     SACKS CEMENT     SCREEN     SIZE     DEPTH SET       SIZE     TOP     BOTTOM     SACKS CEMENT     SCREEN     SIZE     DEPTH SET       SIZE     TOP     BOTTOM     SACKS CEMENT     SCREEN     SIZE     DEPTH SET       SIZE     TOP     BOTTOM     SACKS CEMENT SQUE     SHOT, FRACTURE, CEMENT SQUE	PACKER SET
29.         LINER RECORD         20.         TUBING RECORD           SIZE         TOP         BOTTOM         SACKS CEMENT         SCREEN         SIZE         DEPTH SET           SIZE         TOP         BOTTOM         SACKS CEMENT         SCREEN         SIZE         DEPTH SET           SIZE         TOP         BOTTOM         SACKS CEMENT         SCREEN         SIZE         DEPTH SET           SIZE         TOP         BOTTOM         SACKS CEMENT         SCREEN         SIZE         DEPTH SET           SIZE         TOP         BOTTOM         SACKS CEMENT         SCREEN         SIZE         DEPTH SET           SIZE         TOP         BOTTOM         SACKS CEMENT         SCREEN         SIZE         DEPTH SET           SIZE         TOP         SIZE         SACKS CEMENT         SCREEN         SIZE         DEPTH SET           SIZE         THER RECORD         SIZE         SIZE         ZG0'         SIZE         ZG0'         SIZE         SIZE         ZG0'           SIZE         THER RECORD         SIZE         SIZE         SIZE         SIZE         ZG0'           Z(126 - 43         (6)         Z501 - 99         (7)         4042         SHOTS         DEPTH IN	PACKER SET None ZE, F1/2.
29.         LINER RECORD         30.         TUBING RECORD           SIZE         TOP         BOTTOM         SACKS CEMENT         SCREEN         SIZE         DEPTH SET           31. Freits attice freed, size and number)         2026 - 43 (6)         2501 - 99 (7)         4042 shots         DEPTH INTERVAL         AMOUNT AND KIND           2:72 - 98 (8)         2609 - 93 (12)         2599 - 2715         Acidize with 100	PACKER SET NONE
29.         LINER RECORD         30.         TUBING RECORD           SIZE         TOP         BOTTOM         SACKS CEMENT         SCREEN         SIZE         DEPTH SET           SIZE         TOP         BOTTOM         SACKS CEMENT         SCREEN         SIZE         DEPTH SET           SIZE         TOP         BOTTOM         SACKS CEMENT         SCREEN         SIZE         DEPTH SET           SIZE         TOP         BOTTOM         SACKS CEMENT         SCREEN         SIZE         DEPTH SET           SIZE         TOP         BOTTOM         SACKS CEMENT         SCREEN         SIZE         DEPTH SET           SIZE         TOP         SIZE         ACID, SHOT, FRACTORE, CEMENT SQUE         SIZE         AMOUNT AND KIND           ZITE         SIZE         SEG9         93 (12)         SIZE         ACID, SHOT, FRACTORE, CEMENT SQUE           ZITE         98 (8)         2609         93 (12)         Z599         Z715         Acidize with 100	PACKER SET None ZE, FIG. MATERIAL USED ) gai. 10% DS-
29.         LINER RECORD         20.         TUBING RECORD           SIZE         TOP         BOTTOM         SACKS CEMENT         SCREEN         SIZE         DEPTH SET           SIZE         TOP         BOTTOM         SACKS CEMENT         SCREEN         SIZE         DEPTH SET           SIZE         TOP         BOTTOM         SACKS CEMENT         SCREEN         SIZE         DEPTH SET           SIZE         Z-3/8"         2760"         30.         ACID, SHOT, FRACTORE, CEMENT SQUE         20.           SIZE         SOL         ACID, SHOT, FRACTORE, CEMENT SQUE         30.         ACID, SHOT, FRACTORE, CEMENT SQUE           2026 - 43         (6)         2501 - 99         (7)         4042         Shot S         DEPTH INTERVAL         Amount and KIND           2172 - 98         (8)         2609 - 93         (12)         2599 - 2715         Acidize with 100           2109 - 23         (5)         2714 - 15         (2)         Acidize with 100         2352 - 2523         Acidize with 100	PACKER SET None ZE, FIG. MATERIAL USED D. gai. 10% DS- D. gal. 10% DS-
29.         LINER RECORD         20.         TUBING RECORD           SIZE         TOP         BOTTOM         SACKS CEMENT         SCREEN         SIZE         DEPTH SET           31. Pert aticn Heerrightering         20.         ACID, SHOT, FRACTURE, CEMENT SQUE         32.         ACID, SHOT, FRACTURE, CEMENT SQUE           2(126 - 43 (6)         2501 - 99 (7)         4042 shots         DEPTH INTERVAL         AMOUNT AND KIND           2:72 - 98 (8)         2609 - 93 (12)         2599 - 2715         Acidize with 100           2:09 - 23 (5)         2714 - 15 (2)         2352 - 2523         Acidize with 100	PACKER SET NODE EZE, FIC. MATERIAL USED D. gai. 10% DS- D. gal. 10% DS- gal. gel 20#,
29.       LINER RECORD       30.       TUBING RECOR         SIZE       TOP       BOTTOM       SACKS CEMENT       SCREEN       SIZE       DEPTH SET         31. Performul, size and number/       2-3/8"       2760"       30.       ACID, SHOT, FRACTORE, CEMENT SQUE         2026 - 43 (6)       2501 - 99 (7)       4042 shots       DEPTH INTERVAL       AMOUNT AND KIND         21.72 - 98 (8)       2609 - 93 (12)       2599 - 2715       Acidize with 100         21.09 - 23 (5)       2714 - 15 (2)       2352 - 2523       Acidize with 100         43.       PRODUCTION       PRODUCTION       PRODUCTION	PACKER SET NODE ZE, FIC. MATERIAL USED J gal. 10% DS- J gal. 10% DS- gal. gel 20#, # 20/40 sand.
29.         LINER RECORD         20.         TUBING RECORD           SIZE         TOP         BOTTOM         SACKS CEMENT         SCREEN         SIZE         DEPTH SET           AL. Perts aticn Hescric (harmal, size and number)         20.         ACID, SHOT, FRACTURE, CEMENT SQUE           20.06 - 43 (6)         2501 - 99 (7)         4042 shots         DEPTH INTERVAL         AMOUNT AND KIND           21.72 - 98 (8)         2609 - 93 (12)         20.         ACID, SHOT, FRACTURE, CEMENT SQUE         2599 - 2715           21.09 - 2.3 (5)         2714 - 15 (2)         Acidize with 100         2352 - 2523         Acidize with 100           23.         PRODUCTION         PRODUCTION         PRODUCTION         PRODUCTION	PACKER SET NODE EZE, FIC. MATERIAL USED D. gai. 10% DS- D. gal. 10% DS- gal. gel 20#,
29.         LINER RECORD         20.         TUBING RECOR           SIZE         TOP         BOTTOM         SACKS CEMENT         SCREEN         SIZE         DEPTH SET           SIZE         TOP         BOTTOM         SACKS CEMENT         SCREEN         SIZE         DEPTH SET           SIZE         TOP         BOTTOM         SACKS CEMENT         SCREEN         SIZE         DEPTH SET           SIZE         TOP         BOTTOM         SACKS CEMENT         SCREEN         SIZE         DEPTH SET           SIZE         TOP         BOTTOM         SACKS CEMENT         SCREEN         SIZE         DEPTH SET           SIZE         TOP         4042         Shots         DEPTH INTERVAL         AMOUNT AND KIND           ZIOF - 43         60         2501 - 99         70         4042         Shots         DEPTH INTERVAL         AMOUNT AND KIND           ZIOF - 23         (5)         2714 - 15         (2)         Z352 - 2715         Acidize with 100           ZIOF - 23         (5)         2714 - 15         (2)         Z352 - 2715         Frac with 60,000           ZI         Production         Production Method (Flowing, gas lift, promptag - Size and type pump)         Well Seturd/           12/10/84	FACKER SET None ZE, FIG. MATERIAL USED D.gai. 10% DS- D.gai. 10% DS- gai. 20#, gai. gei 20#, t 20/40 sand.
29.         LINER RECORD         20.         TUBING RECORD           SIZE         TOP         BOTTOM         SACKS CEMENT         SCREEN         SIZE         DEP14 SET           SIZE         TOP         BOTTOM         SACKS CEMENT         SCREEN         SIZE         DEP14 SET           SIZE         TOP         BOTTOM         SACKS CEMENT         SCREEN         SIZE         DEP14 SET           SIZE         TOP         BOTTOM         SACKS CEMENT         SCREEN         SIZE         DEP14 SET           SIZE         TOP         BOTTOM         SACKS CEMENT         SCREEN         SIZE         DEP14 SET           SIZE         TOP         90         71         4042         Shot         SHOT, FRACTURE, CEMENT SQUE           2(126 - 43         (6)         2501 - 99         (7)         4042         Shot         DEPTH INTERVAL         AMOUNT AND KIND           2172 - 98         (8)         2609 - 93         (12)         2599 - 2715         Acidize with 100           2109 - 23         (5)         2714 - 15         (2)         2352 - 2715         Frac with 60,000           33.         Production         Production Method (Florcing, gas lift, pamping - Size and type pump)         Well Strue, flore <tr< td=""><td>FACKER SET None ZE, FIG. MATERIAL USED D.gai. 10% DS- D.gai. 10% DS- gai. 20#, gai. gei 20#, t 20/40 sand.</td></tr<>	FACKER SET None ZE, FIG. MATERIAL USED D.gai. 10% DS- D.gai. 10% DS- gai. 20#, gai. gei 20#, t 20/40 sand.
LINER RECORD30. TUBING RECORDSIZETOPBOTTOMSACKS CEMENTSCREENSIZEDEPTH SET21. Feite dian beeche (hierard, size and number)20. ACIE, SHOT, FRACDURE, CEMENT SOUE23/8"2760"2026 - 43 (6)2501 - 99 (7)4042 shotsDEPTH INTERVALAMOUNT AND KIND2172 - 98 (8)2609 - 93 (12) $2599 - 2715$ Acidize with 1002109 - 23 (5)2714 - 15 (2) $2352 - 2715$ Acidize with 1002352 - 2715Frac with 60,0001% KC1 + 100,00013.PRODUCTIONWell Status ()21/20/84PumpingProduction, Kethod (l'lowing, gas lift, pumping - Size and type pump)Well Status ()12/20/84Close dizeProduction, For Cit - 1851, the - MCFWater - 111, the - MCF12/20/8424Close dizeProduction, for Cit - 1851, the - MCFWater - 111, the - MCF	FACKER SET None ZE, FIG. MATERAL USED ) gai. 10% DS- ) gai. 10% DS- gal. 10% DS- gal. 20#, # 20/40 sand.
LINER RECORD30. TUBING RECORDSIZETOPBOTTOMSACKS CEMENTSCREENSIZEDEPTH SET21. Feite dian beeche (hierard, size and number)20. ACIE, SHOT, FRACDURE, CEMENT SOUE23/8"2760"2026 - 43 (6)2501 - 99 (7)4042 shotsDEPTH INTERVALAMOUNT AND KIND2172 - 98 (8)2609 - 93 (12) $2599 - 2715$ Acidize with 1002109 - 23 (5)2714 - 15 (2) $2352 - 2715$ Acidize with 1002352 - 2715Frac with 60,0001% KC1 + 100,00013.PRODUCTIONWell Status ()21/20/84PumpingProduction, Kethod (l'lowing, gas lift, pumping - Size and type pump)Well Status ()12/20/84Close dizeProduction, For Cit - 1851, the - MCFWater - 111, the - MCF12/20/8424Close dizeProduction, for Cit - 1851, the - MCFWater - 111, the - MCF	FACKER SET None EZE, FIG. MATERIAL USED D.gal. 10% DS- D.gal. 10% DS- gal. gel 20#, # 20/40 sand.
LINER RECORD         3C.         TUBING RECORD           SIZE         TOP         BOTTOM         SACKS CEMENT         SCREEN         SIZE         DEP14 SET           SIZE         TOP         BOTTOM         SACKS CEMENT         SCREEN         SIZE         DEP14 SET           SIZE         TOP         BOTTOM         SACKS CEMENT         SCREEN         SIZE         DEP14 SET           SIZE         TOP         BOTTOM         SACKS CEMENT         SCREEN         SIZE         DEP14 SET           SIZE         TOP         BOTTOM         SACKS CEMENT         SCREEN         SIZE         DEP14 SET           SIZE         TOP         BOTTOM         SACKS CEMENT         SCREEN         SIZE         DEP14 SET           SIZE         TOP         BOTTOM         SACKS CEMENT         SCREEN         SIZE         DEP14 SET           SIZE         SIZE         ACID, SHOI, FRACIURE, CEMENT SOUE         SIZE         ACID, SHOI, FRACIURE, CEMENT SOUE           SIZE         2126         43         66         2501 - 99         (12)         SIZE         ACID, SHOI, FRACIURE, CEMENT SOUE           SIZE         2352         2715         Acidize         with 100         2352 - 2715         Frac with 60,000	FACKER SET None ZE, FIG. MATERAL USED ) gai. 10% DS- ) gai. 10% DS- gal. 10% DS- gal. 20#, # 20/40 sand.
LINER RECORD20. TUBUIG RECORDSIZETOPBOTTOMSACKS CEMENTSCREENSIZEDEPTH SET2.1. Ferroration function functio	FACKER SET None ZE, FIG. MATERAL USED ) gai. 10% DS- 0.gal. 10% DS- gal. 20#, # 20/40 sand.
LINER RECORD         3C.         TUBING RECORD           SIZE         TOP         BOTTOM         SACKS CEMENT         SCREEN         SIZE         DEP14 SET           SIZE         TOP         BOTTOM         SACKS CEMENT         SCREEN         SIZE         DEP14 SET           SIZE         TOP         BOTTOM         SACKS CEMENT         SCREEN         SIZE         DEP14 SET           SIZE         TOP         BOTTOM         SACKS CEMENT         SCREEN         SIZE         DEP14 SET           SIZE         TOP         BOTTOM         SACKS CEMENT         SCREEN         SIZE         DEP14 SET           SIZE         TOP         BOTTOM         SACKS CEMENT         SCREEN         SIZE         DEP14 SET           SIZE         TOP         BOTTOM         SACKS CEMENT         SCREEN         SIZE         DEP14 SET           SIZE         SIZE         ACID, SHOI, FRACIURE, CEMENT SOUE         SIZE         ACID, SHOI, FRACIURE, CEMENT SOUE           SIZE         2126         43         66         2501 - 99         (12)         SIZE         ACID, SHOI, FRACIURE, CEMENT SOUE           SIZE         2352         2715         Acidize         with 100         2352 - 2715         Frac with 60,000	FACKER SET None ZE, FIG. MATERAL USED ) gai. 10% DS- 0.gal. 10% DS- gal. 20#, # 20/40 sand.
INER RECORD         IC.         TUBING RECORD           SIZE         TOP         BOTTOM         SACKS CEMENT         SCREEN         SIZE         DEP14 SET           1. Ferb attich Heeden: (harmal, size and number)         BOTTOM         SACKS CEMENT         SCREEN         SIZE         DEP14 SET           2026 - 43 (6)         2501 - 99 (7)         4042 shots         DEPTH INTERVAL         AMOUNT AND KIND           2172 - 98 (8)         2609 - 93 (12)         2599 - 2715         Acidize with 100           2109 - 23 (5)         2714 - 15 (2)         2352 - 2523         Acidize with 100           2352 - 2715         Frac with 60,000         1% KCl + 100,000           3.         PRODUCTION         Version Method (Floreing, gas lift, pumping ~ Size and type pump)         Version (I           3.         PRODUCTION         Version Method (Floreing, gas lift, pumping ~ Size and type pump)         Version (I           12/10/84         Pumping         Production         Version (I         Production (I           12/20/84         24         Cosing Pressue         Codeplated 14 - Cif - Bbl.         Cide - MOF         Water - bit.           100 Tobing Press.         Cosing Pressue         Codeplated 14 - Cif - Bbl.         Cide - MOF         Water - bit.         Cid Cid	FACKER SET None ZE, FIG. MATERAL USED ) gai. 10% DS- 0.gal. 10% DS- gal. 20#, # 20/40 sand.
INTER RECORDIC. TUBLIG RECORDSIZETOPBOTTOMSACKS CEMENTSCREENSIZEDEPTH SET2.100STETOPBOTTOMSACKS CEMENTSCREENSIZEDEPTH SET2.110Stee and number)Sacks CEMENTSCREENSIZEDEPTH SETZ73/8"2760'2.126- 43(6)2501 - 99(7)40 - , 42shotScreen Stee and Nount AND KIND2.126- 43(6)2501 - 99(7)40 - , 42shotScreen Stee and Nount AND KIND2.127- 98(8)2609 - 93(12)2599 - 2715Acidize with 1002.109- 23(5)2714 - 15(2)2352 - 2523Acidize with 1002.309- 23(5)2714 - 15(2)2352 - 2715Frac with 60,00012/10/84PumpingProduction Method (Plowing, gas lift, pumping - Size and type pump)Well Status12/10/84PumpingProduction Record and StatusStatusStatus12/20/8424Cube dimeProduction Cut - Bbl.The - MCHWater - bbl.12/20/8424Cube dimeProduction Cut - Bbl.Cus - MCHWater - bbl.Cut - Bbl.10w Tabing Press.Cusing Press.Cusing Press.Cusing Press.Cusing Press.Cusing Press.Cusing Press.10w Tabing Press.Cusing Press.Cusing Press.Cusing Press.Cusing Press.Cusing Press.Cusing Press.10w Tabing Press.Cusing Press. <t< td=""><td>FACKER SET None ZE, FIG. MATERAL USED ) gai. 10% DS- 0.gal. 10% DS- gal. 20#, # 20/40 sand.</td></t<>	FACKER SET None ZE, FIG. MATERAL USED ) gai. 10% DS- 0.gal. 10% DS- gal. 20#, # 20/40 sand.
INTER RECORDIC. TUBLIG RECORDSIZETOPBOTTOMSACKS CEMENTSCREENSIZEDEPTH SET2.100STETOPBOTTOMSACKS CEMENTSCREENSIZEDEPTH SET2.110Stee and number)Sacks CEMENTSCREENSIZEDEPTH SETZ73/8"2760'2.126- 43(6)2501 - 99(7)40 - , 42shotScreen Stee and Nount AND KIND2.126- 43(6)2501 - 99(7)40 - , 42shotScreen Stee and Nount AND KIND2.127- 98(8)2609 - 93(12)2599 - 2715Acidize with 1002.109- 23(5)2714 - 15(2)2352 - 2523Acidize with 1002.309- 23(5)2714 - 15(2)2352 - 2715Frac with 60,00012/10/84PumpingProduction Method (Plowing, gas lift, pumping - Size and type pump)Well Status12/10/84PumpingProduction Record and StatusStatusStatus12/20/8424Cube dimeProduction Cut - Bbl.The - MCHWater - bbl.12/20/8424Cube dimeProduction Cut - Bbl.Cus - MCHWater - bbl.Cut - Bbl.10w Tabing Press.Cusing Press.Cusing Press.Cusing Press.Cusing Press.Cusing Press.Cusing Press.10w Tabing Press.Cusing Press.Cusing Press.Cusing Press.Cusing Press.Cusing Press.Cusing Press.10w Tabing Press.Cusing Press. <t< td=""><td>FACKER SET None ZE, FIG. MATERAL USED ) gai. 10% DS- 0.gal. 10% DS- gal. 20#, # 20/40 sand.</td></t<>	FACKER SET None ZE, FIG. MATERAL USED ) gai. 10% DS- 0.gal. 10% DS- gal. 20#, # 20/40 sand.
INFERRECORDIC. TUBING RECORDSIZETOPBOTTOMSACNS CEMENTSCREENSIZEDEPTH SET1. Performant, size and number)3:. $Z-3/8"$ $Z-3/8"$ $Z760"$ 1. Performant, size and number)3:.ACIE, SHOT, FRACTURE, CEMENT SOUL2026 - 43 (6)2501 - 99 (7)4042 shotsDEPTH INTERVALAMOUNT AND KIND2.72 - 98 (8)2609 - 93 (12) $2599 - 2715$ Acidize with 1002109 - 23 (5)2714 - 15 (2) $2592 - 2715$ Acidize with 1002352 - 2523Acidize with 100 $2352 - 2715$ Frac with 60,0003.PRODUCTION $Vert Dents, for 0,000$ $Vert Production for 0,0003.PRODUCTIONVert Dents, for 0,000Vert Production for 0,0003.Production Nethod (Floreing, cashift, pamping = Size and type pump)Vert Dents, for 0,00012/?0/84PumpingProduction for 0,000Vert Production for 0,00012/?0/8424Chains PressColor bareProduction for 0,00010 rest bareProduction for 0,000So bb1So bb110 rest bareProduction for 0,000Fract with 0,00022/20/8424Colse diameProduction for 0,0004. Play pressColse diameProduction for 0,0004. Play pressColse diameProduction for 0,0005. Lie of AttocheredsProduction for 0,0005. Lie of AttocheredsProduction for 0,000$	FACKER SET None ZE, FIG. MATERAL USED ) gai. 10% DS- 0.gal. 10% DS- gal. 20#, # 20/40 sand.
State         TOP         BOTTOM         SACKS CEMENT         SCREEN         SIZE         TOP IN SET           1. Performation finderial, size and number/ 20126 - 43 (6)         TOP 199 (7)         4042 shots         SCREEN         SIZE         DEPTH SET           20126 - 43 (6)         2501 - 99 (7)         4042 shots         DEPTH INTERVAL         AMOUNT AND KIND           2126 - 43 (6)         2501 - 99 (7)         4042 shots         DEPTH INTERVAL         AMOUNT AND KIND           2172 - 98 (8)         2609 - 93 (12)         2599 - 2715         Acidize with 100           2109 - 23 (5)         2714 - 15 (2)         2592 - 2715         Acidize with 100           2352 - 2523         Acidize with 100         2352 - 2715         Frac with 60,000           3.         PRODUCTION         Vell Berlin, 100         Production for the formation of the pumping         Vell Berlin, 100           3.         Production         Production formation of the pumping         Vell Berlin, 100         Production formation of the pumping         Vell Berlin, 100           3.         Production         Production formation formation of the pumping         Vell Berlin, 100         Production formation	FACKER SET None ZE, FIG. MATERIAL USED D.gai. 10% DS- gal. 10% DS- gal. 20#, t 20/40 sand.

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2::45 <sup>1</sup> - 2680	0' Craybur	8		····			Yes
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<u>ASING 5171</u> <u>8-5/8"</u>	24#			.e size 2-1/4" 300		не песско 'C'' 2% CaCl	AMOUNT PULLED
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<u>2-3/8''</u> 29.	J-55 LIN	2840 LR RECORD		7-7/8" 480	) <b>sx. Cl <sup>11</sup></b>	C" & add. TUBING REC	
2-3/8" 20. 512.E 31. Ferresulta, beccri	J-55 LIN TOP (Increal, size and n	2840 ER RECORD EQITOM SI antory	ACKS CENENT	7-7/8" 480	) <b>sx.</b> C1 " stre <u>2-3/8"</u>	C" & add. TUBING REC	OPD PACKER SL1 NONE
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<u>2-3/8"</u> <u>512 E</u> <u>31. 1 em sum becci i</u> 2054' - 80' 2545' - 47' <u>33.</u>	J-55 LIN TOP (Internal, Size and n , 2599' - 262	2840 ER RECORD EQITOM 5/ ambury 3', 2573' -	BO,	7-7/8" 480 screen 2545 - 2 uction	) <b>sx.</b> C1 " 512 E 23/8" C, SHOT, FRAG ERVAL 2680 7 1 F K	'C" & add. TUBING REC DEPTHISET 2840' CTUPE, CEMENT SO AMOUNT AND KU 50 gal. 7½% f. 500 gal. 20% Prac 50,000 ga (C3, 90,000#'s	0FD FACKER SL1 NONE DELZE, EIC. ND MATERIAL DELD 0S-30 DS-30 1. 20# gel 2% 20/40 sand.
2-3/8" 29. 31. Fern care here i 2054' - 80' 2545' - 47' 33. Fate - field of de the 6/21/85	J-55 LIN TOP (latered, star and n , 2599' - 262	2840 ER RECORC BOTTOM S/ andorey 3', 2573' - E NetLas / Floren ng	BO, PROD	7-7/8" 480 screen 2545 - 2 UCTION mp = Star and ty	) <b>sx. C1</b> " 517 E 2-3/8" C, SHOT, FRAG ERVAL 2680 7 1 F k het pan(p)	'C" & add. TUBING REC DEPTH SET 2840' CTUPE, CEMENT SO AMOUNT AND KIN 50 gal. 7% F 500 gal. 20% Frac 50,000 ga C1, 90,000#'s	0150 PACKER SL1 NONE DIEZE, EIC. NO MATERIAL UNID 05-30 DS-30 1. 20# ge1 2% 20/40 sand.
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2-3/8" 29. 512 F 31. Ferre subscription frequencies 2054' - 80' 2054' - 80' 2054' - 47' 34. 545' - 47' 545 545' - 47' 545 1485 1485 1485 1485	J-55 LIN TOP (laternal, star and n , 2599' - 262 Products Pumpi licent Testes 24 Status Local are	2840 ER RECORC FOFTOM SP authory 3', 2573' - I. Nettus F (Flore author) Choke size NONE Choke size	BU, PROD c, pas lin, purp included a et frend at - bot.	7-7/8" 480 SCREEN (37. ACI DEPTHINT 2545 - 2 UCTION UCTION MR = Size and type CTION CTI - Fac. 65 CORS - No. 3	) <b>sx.</b> C1 " 517 E 2-3/8" C, SHOT, FRAG ERVAL 2680 7 F 680 7 F K 105 - MOF N/A Water	'C'' & add. TUBING REC DEPTH SET 2840' CTUPE, COMENT SO AMOUNT AND KID 50 gal. 7½% ff 500 gal. 20% Prac 50,000 ga C3, 90,000#'s Websitum Produci Views - Pil. 75 - Pil.	$\frac{1}{1}$ $\frac{1}$
2-3/8" 29. 512.8 31. Letteratura Beccri 2054' - 80' 2545' - 80' 2545' - 47' 33. Fatter Hot resources 6/21/85 Date of the standard of the 7/1/85 Flow of tag the standard	J-55 LIN TOP (latereal, star and n , 2599' - 262 Products Pumpi Notes Tertest 24 Notes Tertest 26 Notes Tertest 26 Notest 26	2840 ER RECORC EDITION SP authory 3', 2573' - S', 2573' - I betted /Flower RECORCE NONE Choke clize NONE Choke clize NONE Penfed, etc.)	BU, PROD c. pas lin, para in - bui, 65	7-7/8" 480 SCREEN SCREEN 137. ACI DEPTHINT 2545 - 2 UCTION UCTI	) <b>sx.</b> C1 <sup>11</sup> 517 E 2-3/8 <sup>11</sup> C, SHOT, FRAG ERVAL 2680 7 1 F K 100 - MCF N/A Veter (	'C'' & add. TUBING REC DEPTH SET 2840' CTUPE, COMENT SG AMOUNT AND KID 50 gal. 7½% ff 500 gal. 7½% ff 500 gal. 20% Trac 50,000 ga (3, 90,000#'s Web red Produci 75 Feb Statements	0150 FACKER SL1 NONE DELZE, ESC. NO MATERIAL USED 05-30 DS-30 DS-30 1. 20# gel 2% 20/40 sand. Climits (Core) Science All (Core)
2-3/8" 29. 512 # 31. Jern catter becord 2054' = 80' 2054' = 80' 2054' = 47' 34. 54. J. Secondary Contents 54. D. Secondary Contents 54. D. Secondary Contents	J-55 LIN TOP (latereal, star and n , 2599' - 262 Products Pumpi Notes Tertest 24 Notes Tertest 26 Notes Tertest 26 Notest 26	2840 ER RECORC EDITION SP authory 3', 2573' - S', 2573' - I betted /Flower RECORCE NONE Choke clize NONE Choke clize NONE Choke clize	BU, PROD c. pas lin, para in - bui, 65	7-7/8" 480 SCREEN SCREEN 137. ACI DEPTHINT 2545 - 2 UCTION UCTI	) <b>sx.</b> C1 <sup>11</sup> 517 E 2-3/8 <sup>11</sup> C, SHOT, FRAG ERVAL 2680 7 1 F K 100 - MCF N/A Veter (	'C'' & add. TUBING REC DEPTH SET 2840' CTUPE, COMENT SG AMOUNT AND KID 50 gal. 7½% ff 500 gal. 7½% ff 500 gal. 20% Trac 50,000 ga (3, 90,000#'s Web red Produci 75 Feb Statements	0150 FACKER SL1 NONE DELZE, ESC. NO MATERIAL USED 05-30 DS-30 DS-30 1. 20# gel 2% 20/40 sand. Climits (Core) Science All (Core)
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2-3/8" 29. 512 # 31. ) one cause become 2054' = 80', 2545' = 47' 34. Fore end of death of 6/21/85 Date of read 7/1./85 They of high back 54. De period of the Mented 35. Unit of Phase control Set. I ready control to the	J-55 LIN TOP (latereal, star and n , 2599' - 262 ) Streetact Pumpi listin Testest 24 (laterey - centure 80#'s (Sold, used for just. ) Survey	2840 ER RECORC EDITION SA andwere 3', 2573' - 3', 2573' -	BO, PROD c. pas the pump I called the pump I ca	7-7/8" 480 SCREEN 27. ACI DEPTHINT 2545 - 2 UCTION Mr - Frit. 65 Chaster Notif N/A	) <b>sx.</b> C1 " <b>stre</b> <b>2-3/8</b> " C, SHOT, FRAG <b>ERVAL</b> <b>2680</b> 7 <b>CRVAL</b> <b>2680</b> 7 <b>K</b> <b>K</b> <b>K</b> <b>CRVAL</b> <b>2680</b> 7 <b>K</b> <b>K</b> <b>K</b> <b>K</b> <b>K</b> <b>K</b> <b>K</b> <b>K</b>	'C'' & add. TUBING REC DEPTH SET 2840' CTURE, CEMENT SO AMOUNT AND KIN 50 gal. 7½% fi 500 gal. 7½% fi 500 gal. 20% Trac 50,000 ga (C3, 90,000#'s Produc i Produc i T5 Frank Morp know(copy on 1 billy)	OPD       FACKER SL1         NONE       NONE         JELZE, EIC.       NONE         DELZE, EIC.       NONE         DS-30       DS-30         DS-30       ECO/40 sand.         Clinit, or Shareal       DECO/40 sand.         Clinit, or Shareal       DECO/40 sand.         Schwarz All (Conc.)       DECO/40 sand.         Transferrer       All (Conc.)         San       DECO/40 sand.
2-3/8" 29. 512 # 31. ) one cause become 2054' = 80', 2545' = 47' 34. Fore end of death of 6/21/85 Date of read 7/1./85 They of high back 54. De period of the Mented 35. Unit of Phase control Set. I ready control to the	J-55 LIN TOP (latereal, star and n , 2599' - 262 ) Streetact Pumpi listin Testest 24 (laterey - centure 80#'s (Sold, used for just. ) Survey	2840 ER RECORC EDITION SA andwere 3', 2573' - 3', 2573' -	BO, PROD c. pas the pump I called the pump I ca	7-7/8" 480 SCREEN 27. ACI DEPTHINT 2545 - 2 UCTION Mr - Frit. 65 Chaster Notif N/A	) <b>sx.</b> C1 " <b>stre</b> <b>2-3/8</b> " C, SHOT, FRAG <b>ERVAL</b> <b>2680</b> 7 <b>CRVAL</b> <b>2680</b> 7 <b>K</b> <b>K</b> <b>K</b> <b>CRVAL</b> <b>2680</b> 7 <b>K</b> <b>K</b> <b>K</b> <b>K</b> <b>K</b> <b>K</b> <b>K</b> <b>K</b>	'C'' & add. TUBING REC DEPTH SET 2840' CTURE, CEMENT SO AMOUNT AND KIN 50 gal. 7½% fi 500 gal. 7½% fi 500 gal. 20% Trac 50,000 ga (C3, 90,000#'s Produc i Produc i T5 Frank Morp know(copy on 1 billy)	OFD         FACKER SL1         NONE         JELZE, ESC.         NO PATENIAL USED         DS-30         DS-30         1. 20# gel 2%         20/40 sand.         Clinit, or Nearcal         Science All (Core)         Science All (Core)         7         an

#### INSTRUCTIONS

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#### INDICATE CORMATION TOPS IN CONFORMANCE, WHILE GEOGRAPHICAL SECTION OF STATE

#### Southeastern New Mexico

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#### Northwestein New Mexico

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$\sim$ [1, 2.54] $\sim$ [1, 1.11] $\sim$ [1, 1.21] $\sim$ [1, 1.22] $\sim$ [1, 1.22] $\sim$ [1, 1.23]	T. Dictured Clufts f. Penn, CDP
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	SANDS OR ZONES
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No. 2, from	

#### IMPORTANT WATER SANDS

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

No. 1	frem	
No. 2	from	
No. 3	from	
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FORMATION RECORD (Artoch additional sheets if tecessory)

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LESLIE K. EVERTSON - ROSWELL KENNETH D. REYNOLDS - ARTEGIA

B DRILLING CO., INC. - DIL WELL DRILLING CONTRACTORS

P. D. BOX 1498 ROSWELL, NEW MEXICO 88201 TELEPHONES: ARTESIA 505/746-6757 Roswell 505/623-5070

May 23, 1985

MorOilCo., Inc. Drawer I Artesia, NM 88210

Ref: Guajalote State #4

Gentlemen:

5

The following is a Deviation Survey on the above well located in Eddy County, New Mexico.

 $382' - 1/4^{\circ}$   $887' - 1/2^{\circ}$   $1330' - 3/4^{\circ}$  $1603' - 3/4^{\circ}$  1843' - 3/4<sup>O</sup> 2174' - 1/2<sup>O</sup> 2635' - 1/2<sup>O</sup> 2850' - 1/4<sup>O</sup> T.D.

Yours very truly,

WER DRILLING CO., INC.

Arnold Newkirk

STALE OF NEW MEXICO)
COUNTY OF CHAVES

The foregoing was acknowledged before me this  $23^{RD}$  day of MAJ 1985 by Arnold Newkirk.

MY COMMISSION EXPIRES:

-4--8

lello. Marin

			-	-		CSTW
	State of N rgy, Minerals and Na	iew Mexico tural Resources Di	parament			Form C-105
State Leans — 6 copies Fee Leans — 5 copies <u>DISTRICT I</u> P.O. Box 1980, Hobbs, NM 88240		ATION DIV	SION	WELL API NO	30-015-	29337
DISTRICT II P.O. Drawer DD, Artesia, NM 88210	Santa Fe. New M		88	5. Indicate Ty	rps of Lesse STAT	
DISTRICT III 1000 Rio Brazos Rd., Aztec, NM 87410	N52 - 3	758		6. State Oil &	Gas Lense No. 2 - /2	722
WELL COMPLETION OR	RECOMPLETION P	EPORT AND LO	G			
Is. Type of Well: OIL WELL GAS WELL	DRY DRY OTHER	REC	EIVE		ns or Unit Agreen	TE COM.
b. Type of Completion: Naty Work Deserven BA		on Har			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	20190
2. Name of Operator OXY USA Inc.			<b>22 1997</b> 6696	8. Well No.	1	20110
3. Address of Operator		OM CO	DN.D	Pool same	or Wildcat	86500 Track Marrow
P.O. Box 50250	Midland, I	A ///10-02	50	19. A	1. Iurkey	I rack Marrow
Unit Letter <u><u>J</u>: <u>1370</u> 1</u>	isst From The <u>South</u>	Lizza	nd 1650	·) Feet F	iven The	us Line
Section 5 1	Conversity 195			MPM	Eddy	County
10. Date Spudded 11. Date T.D. Reacted 1/24/97 2/23/97	12. Date Compl. (Rea 4/9/	ay 10 Prod.) 13 57	Elevations (D)	A. RKB. RT. G 399	R, etc.) 14.	Elev. Casinghead
15. Total Depth 16. Plug Back T.I 11.370 11.37	17. If Main	iple Compl. How Zones?	18. Intervais Dailed B	Retary Too		ble Tools
19. Producing Laterval(s), of this completion - Top			1	-		cal Survey Made
11226 - 11236 / /	Morrow		<u></u>	22. Was W		Vo
Platform Express - ALL-M	KFL-GR-TDD	-CNL			N	2
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<u>8 3/8" 24.32</u> # 5 /2" 17.20#	* <u>3000 '</u> 11370 '	7 7/0'		<u>54 - Cir</u> 54 - CBC		
24. L	NER RECORD		25.	τυ	BING RECC	RD
SIZE TOP	BOTTOM SACKS	CEMENT SCR	EEN	STZE 2 3/8	DEPTH SE	1 (0)-42 Add 0 444 4
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						//023
26. Perforation record (interval, size, an	d number)		CID, SHOT, HINTERVAL	FRACTUR	E. CEMENT	SQUEEZE, ETC. MATERIAL USED
26. Perforation record (interval, size, an //226 - //236	d number)			FRACTUR	E. CEMENT	SQUEEZE, ETC.
				FRACTUR	E. CEMENT	SQUEEZE, ETC.
//226 - //236 28. Date First Production Preda	PROL Intice Method (Flowing, go	DEPT DUCTION BY Lift, pumping - Size a	I INTERVAL	FRACTUR	E. CEMENT. NT AND KIND	(Prod. or Shut-in)
1/226 - 1/236       23.       Date First Production       4/9/97       Date of Test	PROL Intica Method (Flowing, ga Flow Choke Size Produ	DEPT DUCTION In lift, passping - Size a Control - Boble	i INTERVAL nal 1990 pesnep) Gas - h		E. CEMENT. NT AND KIND	(Prod. or Shut-in) / C. Gen - Oil Ratio
11226 - 11236       28.       Date First Productions       4/9/97       Date of Test       5/12/97	PROL Latica Methad (Flowing, ge Flow Choke Size Profit 11/64 Test F	DEPT DUCTION tor lift, pumping - Size a 	i INTERVAL ad 13900 posmp) Gas - h 22	FRACTUR AMOU	E. CEMENT NT AND KIND Weil Status P Weiler - Bbl.	(Prod. or Shed-in) Matterial USED (Prod. or Shed-in) Mod. Gene - Oil Ratio B 3 344
11226 - 11236         28.         Date First Production         4/9/97         Date of Test         5/12/97         24.         Flow Tubing Press.         23.25	PROL Lation Method (Flowing, ge Flow Choke Size Profin 11/64 Test F Calculated 24 Oil - 1 Hour Rate	DEPT DUCTION tor lift, pumping - Size a 	i INTERVAL ad 13900 posmp) Gas - h 22		E. CEMENT NT AND KIND Weil Status Weiler - Bbil O Oil Gravity	(Prod. or Shud-in) Material USED (Prod. or Shud-in) Mod. Gas - Oil Ratio
11226 - 11236         28.         Date First Productions         4/9/97         Date of Test         5/12/97         24.         Flow Tubing Press.	PROL Lation Method (Flowing, ge Flow Choke Size Profin 11/64 Test F Calculated 24 Oil - 1 Hour Rate	DEPT DUCTION tor lift, pumping - Size a 	i INTERVAL ad 13990 peansp) Gas - h 22 MCF W	FRACTUR AMOU	E. CEMENT. INT AND KIND Well Status P Water - Bbl Oll Gravity 56 /itnessed By	(Prod. or Shud-in) Control of Shud-in) Control of Shud-in) Control of Shud-in) Control of Same Same Shud-in) Control of Same Same Shud-in) Control of Same Same Same Same Same Same Same Same
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	PROL Initian Method (Flowing, ga Flow Choke Size Profa 11/64 Test F Calculated 24 Oil - 1 Hour Rate etc.)	DEPT DUCTION ar lift, premping - Size a lifer Oil - Bbl. Veriod 26 Bbl. Gas - 26 26	HINTERVAL           ad 1)990 permip)           Gas - N           22           MCF           19	FRACTUR AMOU AMOU ACF / 9   / 2ster - BbL O Test W	E. CEMENT INT AND KIND Weil Status Water - Bbl Oll Gravity 56 /itnessed By	SQUEEZE, ETC. MATERIAL USED (Prod. or Shut-in) rod. Gen - Oil Ratio 83346 - API - (Corr.) .2 Stinson
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	PROL Initian Method (Flowing, ga Flow Choke Size Profa 11/64 Test F Calculated 24 Oil - 1 Hour Rate etc.)	DEPT DUCTION ar lift, premping - Size a lifer Oil - Bbl. Veriod 26 Bbl. Gas - 26 26	HINTERVAL           ad 1)990 permip)           Gas - N           22           MCF           19	FRACTUR AMOU AMOU ACF / 9   / 2ster - BbL O Test W	E. CEMENT INT AND KIND Weil Status Water - Bbl Oll Gravity 56 /itnessed By	SQUEEZE, ETC. MATERIAL USED (Prod. or Shut-in) rod. Gen - Oil Ratio 83346 - API - (Corr.) .2 Stinson

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# INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 25 through 29 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

# INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

#### Southeastern New Mexico

Northwestern New Mexico

.....

T. Anhy	- T. Canyon 9906	_ T. Ojo Alamo	T. Penn. "B"
T. Salt	- T. Strawn 10192'	T. Kirtland-Fruitland	T. Penn. "C"
B. Salt		T. Pictured Cliffs	T. Penn. "D"
T. Yates		_ T. Cliff House	T. Leadville
T. 7 Rivers			T. Madison
T. Queen		T. Point Lookout	T. Elbert
T. Grayburg	_ T. Montoya	T. Mancos	T. McCracken
T. San Andres			T. Ignacio Otzte
T. Glorieta		Base Greenhorn	T. Granite
T. Paddock	T. Ellenburger	T. Dakota	T
	_ T. Gr. Wash	T. Morrison	T
T. Tubb		T. Todilto	
T. Drinkard	T Bone Springs 3727'	T. Entrada	T
T. Abo	_ T. / <sup>st</sup>	T. Wingate	Т
T. Wolfcamp 8900'	T. Marrow 10638	T. Chinle	
T. Penn	Т.	T. Permain	T
T. Cisco (Bough C) 9673'	_ T	T. Penn "A"	T
	OIL OR GAS S	ANDS OR ZONES	
No. 1, from	to	No. 3. from	
	to	• • • • • • • • • • • • • • • • • • • •	
	IMPORTANT	WATER SANDS	
Include data on rate of water infl	ow and elevation to which water re	ose in hole.	

 No. 1, from.
 feet.

 No. 2, from.
 to.

 No. 3, from.
 to.

# LITHOLOGY RECORD (Attach additional sheet if necessary)

From	То	Thickness in Feet	Lithology	From	To	Thickness in Feet	Lithology
0	956	956	Surface Rock				
956	4592	3636	Anhydri'te				
4592			Dolomite, Lime				
<b>5</b> 070	6473	1403	Lime				
6473	7688	1215	Lime, Shale				
7 <i>689</i>	8234	548	Sand, Lime, Shale				
8236	10206	1970	Lime, Shale		5		
10206	10789	583	Lime, Shale, Sand			Ì	
10789	10932	143	Lime, Shale, Chert				
10932	113D	438	Lime, Shale, Chert Sund, Shale, Lime				
		1					

District | PO Box 1980, Hobbs, NM 88241-1980

State of New Mexico Energy, Minerals & Natural Resources Department

811 South First, Artesia, NM 88210 District III

District II

1000 Rio Brazos Rd., Aztec, NM 87410

District IV 2040 South Pacheco, Santa Fe, NM 87505

#### OIL CONSERVATION DIVISION 2040 South Pacheco Santa Fe, NM 87505

Instructions on back Submit to Appropriate District Office State Lease - 6 Copies Fee Lease - 5 Copies

Revised October 18, 1994

Form C-101

V

AMENDED REPORT

#### APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

	_												
SDX Resour													
Midland, TX											30 - (		Number - 29867
4Propert		<u> </u>			Day	orty Nama							- X / 0/0 / Well No.
0167	-	G	sProperty Name Guajalote "A" State							3			
					,Surfac	e Locat	ion						
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the North/South lin		ine T	Feel from the	East	West Lin	•	County	
L	5	195	29E		2310	So	outh		990	· ·	West		Eddy
•	Proposed Bottom Hole Location If Different From Surface												
UL or lot no.	Section	Township	Range	Lot Idn	n Feet from the North/South line Feet from the East			East	West Lin	e	County		
Loco Hills, C	N-GB-SA	*Propose (39520)		4.1	P ar	V/			10 Propos	ed Pool	2		
<u>_</u>	•			V	h/	/							
11Work Ty	pe Code		12Well Type	Code	U 13Ca	ble/Rotary	Lease Type Code			8	15Gr	ound	Level Elevation
N	1		0			R	. S			3397		3397	
10ML	liple		17Propose	d Depth	ıeF	ormation			19Contractor		20Spud Date		pud Date
N	0		320	0	QN-GB-SA United Drlg Co			ed Drlg Co			11	-10-97	
			21	Propose	d Casing	and Ce	me	nt Pi	ogram				
Hole Si	20	Casing	Size	Casing	weight/loot	Setting	Dep	ħ	Sacks of Cen	ement E		Estin	nated TOC
12	-1/4"		8-5/8"	1	24#		;	300	350 sxs	sxs CI C surfa		ace	
7	-7/8"		5-1/2"	1	14#		32	200	0 350 sxs Poz + s			face	

<sup>22</sup>Describe the proposed program. If this application is to DEEPEN or PLUG BACK give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

Drill 12-1/4" hole to approximate 350'. Set 8-5/8" casing @ 350' and cement w/350 sxs Class C cement. Circulate to surface. Drill 7-7/8" hole to TD (3200'). Run open-hole logs. Set 5-1/2" casing @ T.D. Cement w/350 sxs Poz + 400 sxs Lite. Circulate to surface. Will perforate GN-GB-SA and stimulate as necessary for optimum production.

Post ID-1 10-10-97 API4 Loc

<sup>13</sup> I hereby certify that the information given above is true and complete to the best of my knowledge and belief.	OIL CONSERVATION DIVISION					
Signature: Jamice Courtney	Approved By: ORIGINAL SIGNED BY TIM W. GUM					
Printed name: Janice Courtney 9/29/97	TINE: DISTRICT II SUPERVISOR					
Title: Regulatory Tech 915/685-1761	Approval Date: OCT 2 1997 Expiration Date: 10-2-97					

, 	30-0	15-0	3567		
Form C-108 DIPLIONACONSER Sant MISCELLANEOU	ta Fe, Ne	ON COM	imission WELLS		
Submit this report in triplicate to the Oil Conservation specified is completed. It should be signed and swort tions, results of shooting well, results of test of case tions, even though the work was witnessed by an ager signed and sworn to before a notary public. See addir Indicate nature	n to befo ing shut nt of the tional inst	ore a notary p off, result of Commission. structions in t	ublic for report plugging of we Reports on m he Rules and R	ithin ten days a ts on beginning ll, and other im inor operations	drilling opera- iportant opera- s need not be
REPORT ON BEGINNING DRILLING OPERA- TIONS		REPORT (	)N REPAIRIN	G WELL	•
REPORT ON RESULT OF SHOOTING OR CHEM- ICAL TREATMENT OF WELL			ON PULLING TERING CASIN	OR OTHERWIS	SE
REPORT ON RESULT OF TEST OF CASING SHUT-OFF		REPORT	ON DEEPENIN	NG WELL	
REPORT ON RESULT OF PLUGGING OF WELL	X				
erected and location restored to original	Stati Stati 5-2 submitte obtained WORK D andonee epth o: mud u rom 36 f hole ginal	Lease Lease <u>Lease</u> <u>Lease</u> <u>Lease</u> <u>Consection</u> <u>Consection</u> <u>Consection</u> <u>Consection</u> <u>Consection</u> <u>Consection</u> <u>Consection</u>	Well N , R, , R,	29 K 29 K May .) AINED ANNET to 365%, to was placed ent. 47 mar	in the County. County. 
cemented in this well at 305' and was Witnessed by	s left	in hole	<u>.</u>		
Name			npany		Title
Subscribed and sworn before me this	is 149 N P	true and cor ame osition <u>Dis</u>	rect.	011 Compan	
			Company of	r Operator	

Address \_

Box CC. Hobbe, New Mexico

TESIA REPRESE

A

ma

Title

Name NTATIVE

Remarks:	
remar po.	

My commission expires\_\_\_\_

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# APPROVED

5-17-53

Data .....

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Office and the second sec	te of New Mexico	' NO	Form C-10
District I Energy, Mir	nerals and Natural Resou		Revised March 25. 19
1625 N. French Dr., Hobbs. NM 87240 District II		WELL A	30-015-29464
B11 South First, Artesia, NM 87210 OIL CON:	SERVATION DIVISION	ON 5 Indica	ite Type of Lease
1000 Die Deene D.d. Artee NM 97410	40 South Pacheco	1	TATE 🔀 FEE 🗌
District IV Sal	nta Fe, NM 87505		e Oil & Gas Lease No.
2040 South Pacheco. Santa Fe. NM 87505			
SUNDRY NOTICES AND REPOR			Name or Unit Agreement Name
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR T DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT			
PROPOSALS.)		044	Auto State
1. Type of Well: Oil Well 🔲 Gas-Well 🔀 Other			
2. Name of Operator		8. Well	No.
OXY USA Inc.	1 <b>6696</b>		(
3. Address of Operator			name or Wildcat
	AND, TX 79710-0250	Turke	y Track Morrow
4. Well Location			-
Unit Letter H : 1650 feet fro	m the North line	and 660	feet from the East lin
	hip 195 Range 29		County EDDY
10. Elevation (S	Show whether DR, RKB, R	T, GR, etc.)	
11 Check Americate Boy	ta Indianta Matura - 61	Jack Daniel	
11. Check Appropriate Box		· •	
NOTICE OF INTENTION TO: PERFORM REMEDIAL WORK D PLUG AND ABA		SUBSEQUE	NT REPORT OF:
TEMPORARILY ABANDON 🛛 CHANGE PLANS	S LI COMME	NCE DRILLING OP	NS. PLUG AND
			NS. PLUG AND ABANDONMENT
		TEST AND	
PULL OR ALTER CASING MULTIPLE COMPLETION		TEST AND I JOB	
PULL OR ALTER CASING MULTIPLE COMPLETION DTHER: Gas Well Shut-In Pressure Exer	D CASING CEMENT Detion	TEST AND FJOB	
DULL OR ALTER CASING MULTIPLE COMPLETION DTHER: Gas Well Shut-In Pressure Exer 2. Describe proposed or completed operations. (Cla	Description	TEST AND JOB	ABANDONMENT
DULL OR ALTER CASING MULTIPLE COMPLETION DTHER: Gas Well Shut-In Pressure Exer 2. Describe proposed or completed operations. (Cla of starting any proposed work). SEE RULE 1103	Description	TEST AND JOB	ABANDONMENT
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Submit To Appropr		t Office		State of New Mexico						Form C-105			
State Lease - 6 copi Fee Lease - 5 copie			Energy, Minerals and Natural Resources						Revised March 25, 1999           WELL API NO.         22.000 C				
District I 1625 N. French Dr.	. Hobbs, N	M 88240	Oil Concentration Division						WELL APINO. 30-015-332899 33289				
District II 1301 W. Grand Ave			1220 South St. Francis Dr						5. Indicate Type of Lease				
District III 1000 Rio Brazos Ro			Santa Fe. NM 87505							STATE FEE			
District IV		1							State Oil & Gas Lease No. B-8096				
WFII (	Dr., Santa Fe, NM 87505 COMPLETION OR RECOMPLETION REPORT AND LOB												
la. Type of Well									greement l	lame			
	WORK	DEBPEN DIPLUG DIFF.							TDC 8 State				
WELL 2. Name of Opera	· · · · · · · · · · · · · · · · · · ·		BAC	<u></u>	RESVR OTI	HER	· · · · · · · · · · · · · · · · · · ·		8. Well No.		s stat	<u></u>	
		1	at Compo							2	•		
3. Address of Ope		(eropme	ent Compan	<u>Iy</u>					9. Pool name o				
777 Tayl	lor St	- Pe	nthouse	[] -	Fort Worth,	TX 7	6102		Millman	Yates-	- <u>SR-Q-</u>	GB-SA, East	
4. Well Location													
Unit Letter	r_ <u>E</u>	<u>i</u> <u>16</u>	50 Feet Fro	m The	North			90	Pe	et From Th	e <u>We</u>	<u>st</u> Line	
Section	8		Townsh	<u>p 19</u>	9S R		9E		MPM	Eddy		County	
10. Date Spudded		te T.D. Rea			ompl. (Ready to Prod.)	13			ERKB, RT, GR	, etc.)	14. Elev.	Casinghead	
3-15-2004 15. Total Depth		-23-200 16. Plug Ba			7-2004 Multiple Compl. How	v Many	3378 18. Interva		Rotary Tools		Cable	Tools	
-		· · ·			ones?	v ivially	Drilled By		1	• · ·			
3100 <sup>1</sup> 19. Producing Inte	rval(s), of	3050 f this comp		tom, N	ame		I		0-3100		ectional Si	urvey Made	
		1			en-Grayburg-S	San An	dree				No		
21. Type Electric a			II KIVEIS	-yuei	en-Grayburg-		<u>ui es</u>		22. Was Well	Cored	10	·····	
CNL/LDC &		-								No	<b>、</b>		
23.		1	CASI	NG R	ECORD (Report	all string	s set in we	ell)	<b>L</b>				
CASING SIZ	E		IT LB./FT.		DEPTH SET	· • · · · · · · · · · · · · · · · · · ·			CEMENTING RECORD AMOUNT PULLED				
8-5/8" 5-1/2"		24# 15.5;			<u>3272'</u> 3100'				480 sx - circ 725 sx - circ				
		15.5	r			/	-//0		<u>725 SX -</u>				
· · · · · · · · · · · · · · · · · · ·		İ.	······					, ,					
				N	1						1		
24. SIZE	TOP		BOTTOM	LIN	ER RECORD	SCREEN		25. SIZI	the second s	UBING RI DEPTH S		PACKER SET	
<u>512E</u>		1	BUITOW	<u> </u>	SACKS CEMENT	JCREE	••••••		2 <del>9</del> 7/8"	267		TACALK SET	
		1										·:	
26. Perforation re	•	1						FR/	ACTURE, CE				
1222-1244"				÷.,		DEPTH	INTERVAL SFF	ΓΔ	AMOUNT AI		ATERIA	LUSED	
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····		· · · · ·											
28 Date First Production		 	Production Meth	od (Fl	PRO wing, gas lift, pumpin,	DUCTIO			- Well Status	Prod or SL	ut-in }		
	Ja		TOULLUON MOR			S - Ditte and	u (ype punp)				-		
4-28-2004 Date of Test	Hours 7	ested	Choke Size		Pumping Prod'n For	Oil - Bbl		Gas	- MCF	Produci Water - B		Gas - Oil Ratio	
5-18-2004	24				Test Period	26	1		31	252		1192:1	
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Press.			Hour Rate		0.5		<b>01</b>		050				
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Will be so		uscu jor ju	es, renteu, Mill.)								Selby		
30. List Attachment	S		· · · · · · · · · · · · · · · · · · ·				·····		I				
Deviation 31 I hereby certif	Surve What th	v & Lo e informa	ion shown on	both s	des of this form as t	true and r	omplete to t	he h	est of my know	wledee and	belief		
	/	1/1	\ \										
Signature	nsti	$\neq \downarrow$	lin	_	rinted Name Rusty I	Klein	Title	3	Agent			Date 6-9-2004	
0	(	, <del>, , , ,</del>			· · · · · · · · · · · · · · · · · · ·								

# **INSTRUCTIONS**

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 25 through 29 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

#### INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

		South	eastern Ne	ew Mexico				Northw	estern Ne	w Mexico	
T. Anhy_				Canyon		T. Ojo A	Alamo		Т	. Penn. "B"	
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B. Salt			<u>т</u> т	Atoka	-					. Penn. "D"	
T. Yates_				Miss		T. Cliff				. Leadville	
T. 7 River:				Devonian		T Mene	fee		T	. Madison	
T. Queen_			і. I Т	Silurian				t		Elbert	
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THRESHOLD DEVELOPMENT COMPANY TDC 8 State #2 Section 8-T19S-R28E Eddy County, New Mexico

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#27: ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETCC

. . . .

DEPTH INTERVAL	TREATMENT
1222-1244'	Acidized with 2000 gallons 15% IC HCL acid and ball sealers
2614-2624	Acidized with 2000 <sub>8</sub> gåldons 15% IC HCL acid and ball sealers. Flushed with 2% KCL water.
	Frac'd with 18000 gallons 30# borate crosslinked treated water and 40000# 16-30 Ottawa sand. Flushed with treated water.

· • •• •• ••••

••••

WELL NAME AND NUMBER TDC State "8" No. 2	······································
LOCATION Section 8, T195, R29E, Eddy County NM	JUN 1 0 2004
OPERATOR Threshold Development Company	
DRILLING CONTRACTOR United Drilling, Inc.	

The undersigned hereby certifies that he is an authorized representative of the drilling contractor who drilled the above described well and had conducted deviation tests and obtained the following results:

Degrees @ Depth		Degrees @ Depth		Degrees @ Depth
1/2 <sup>0</sup> 866'	•		• • •	
<u>1/2<sup>0</sup> 1502'</u>		· ·		
1/2° 1997'	•	·	· · ·	
<u>1/2° 2490'</u>	· · · · ·	·	•	
• <del>•••••</del>	•		· · ·	·
	<b>.</b>			
	· · ·		· .	
·····	•	· · · · · · · · · · · · · · · · · · ·		1

Drilling Contractor United Drill By: George A Aho Title: Business Manager

Subscribed and sworn to before me this day 2004.

ublic Notar

1 nega sol and State

My Commission Expires: 10

County

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# MISCELLANEOUS ŘEPORTS ON WELLS

Submit this report in triplicate to the Oil Conservation Commission District Office within ten days after the work specified is completed. It should be signed and filed as a report on beginning drilling operations, results of shooting well, results of test of casing shut off, result of plugging of well, and other important operations, even though the work was witnessed by an agent of the Commission. See additional instructions in the Rules and Regulations of the Commission.

### Indicate nature of report by checking below.

DEDODTI ON DECIN		LINC			יים מ		REPAIRIN		
REPORT ON BEGINNING DRILLING OPERATIONS									
REPORT ON RESUL CHEMICAL TRE				PULLING ( G CASING	OR OTHERWI	SE			
REPORT ON RESUL	LT OF TEST	OF CASIN	IG .		REI	PORT ON 1	DEEPENIN	G WELL	
REPORT ON RESUL	T OF PLUC	GING OF	WELL		Rep	ost on	casing &	cementing	r I
				Qet	ober 25	<u>, 1951</u>		Artesia, Pl	New Mexic
Following is a report of <b>J</b> C	on the work							t the6	
	Company or (	Operator			Lea	5e		29E	
• -	Wilde							~ /2	
The dates of this work Notice of intention to and approval of the pr	do the work	was I	not) subi	mitted or	Form C-1	02 on			
	DETAII	ED ACCOU	JNT OF	WORK	DONE AN	ID RESUL	.TS OBTAI	NED	
385	ft. 8	5/8" pi	p <b>e</b>			urface er comp		sacks of c	sement
3000	ft. U	t 7" pip	8					•	
	-								

Witnessed by	Name	Company	Title
APPROVED	CONSERVATION COMMISSION	is true and correct.	at the information given above
:	an il a chi a chi anno	Position Partner	
l	OCT 26 1951	Representing Jones /&	Watkins
	Date	Address Box 464, Art	esia, New Mexico

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			Jounty		Depth	501	- Pool	THE CE
		• •		SCOUT	REPOR	MEL.		1ll car
		Nei	v Mexic	eo Oil Coi	nservati	ion Comn	ission	
Com	apany	Jones & W	atkins	Well	No. 6	Farm Name	Continental	- Hate
	2310 Fee	t from N	Line	310 Feet from	ب ب	Line Sec. 5	Twp. 198 Rai	ige 29E
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### OIL CONSERVATION COMMIS Santa Fe. New Mexico

Form C- 104 OCT 24 1951

### REQUEST FOR (OIL)-(GAS) ALLOWABLE

Oil Gung, It is necessary that this form be submitted by the operator before an initial allowable will be assigned to any completed oil or gas well. Form C-110 (Certificate of Compliance and Authorization to Transport 011) will not be approved until Form C-104 is filed with the Commission. Form C-104 is to be submitted in triplicate to the office to which Form C-101 was sent. Two copies will be retained there and the other submitted to the Proration Office, Hobbs, New Mexico. The allowable will be assigned effective 7:00 a.m. on date of completion, provided completion report is filed during month of completion. The completion date shall be that date in the case of an oil well when oil is delivered into the stock tanks. Gas must be reported on 15.025 P.B. at 60° Fahrenheit.

		Artesia	. New Mexico	October 23, 1951				
		Pla		Date				
te are he	REBY REU Mich	UESTING	AN ALLOWABLE FOR A WELL KNOWN AS: yoly Suc. Stage Well No. or Lease	$\frac{6}{230} \frac{1}{4} \frac{1}{4} \frac{1}{4} \frac{1}{4}$				
¥		Concrat	Lease Well No.	$\frac{1}{1/4}$ $\frac{1}{4}$				
	<i>z</i>	100		Eddy				
ection	<b></b> , '	Γ,	R. 29E N.M.P.M. HHOF	Pool Bddy Count				
lease in	dicate l	ocation:	Elevation Spudded Ap	Fil 1C,'51 Completed_Oct. 20, 1				
		11	Total Depth 30071 P.H	3. 2713'				
			Top Oil/ Pay 2411'	Water Day 2605'				
			Initial Production Test: Pump_	20Flow(990 08 C0				
			Based on 1 Bbls, Oil in	1 Hrs. Mins				
			Method of Test (Pitot, gauge, p					
		+		1.1.				
		1	Tubing (Stze) 2 E U E	<b>2700</b>				
		·	Size of choke in inches Tubing (Size) 2 E U E Pressures: Tubing	Casing 100 lbs				
			Gas/011 Ratio	(irevity				
			Casing Perf	Corations:				
· · · · · · · · · · · · · · · · · · ·			2425' to 2435'					
Unit let	ter: <u> </u>		Acid Record:	Show of 011.Gas and water				
				atl & matem				
asing &	Cementing	g Record	$\frac{1000}{1000} \frac{\text{Gals}}{\text{Gals}} = \frac{2790'}{2759'} \frac{1000}{1000} \frac{2805'}{1000} \frac{2750'}{1000} \frac{1000'}{1000'} \frac{1000'}{100'} \frac{100'}{100'} \frac{1000'}{100'} \frac{100'}{100'} \frac{100'}{$					
Size	Feet	Sax	5000 Gals 2425' to 2435'	S/ Oll & Water S/ free oll				
0.0/00		-		s/				
8 5/8*	385'	50	Shooting Recordtoto	6./				
7 <b>n</b>	30001	85	Qts to	S/				
<u>├</u>			Qts to	8/				
				G/				
			Natural Production Test: 5 bb] Test after acid or shot:	Pumping Flowin				
1			Test after acid or shot:	.8				

Please indicate below Formation Tops(in conformance with geographical section of state):

### Southeastern New Mexico

Northwestern New Mexico

т.	Anhy	т.	Devonian	T.	Ojo Alamo
т.	Salt	T.	Silurian		Kirtland-Fruitland
в.	Salt 725	т.	Montoya	т.	Farmington
			S1mpson	т.	Pictured Cliffs
т.	7 Rivers	т.	McKee	۲.	Cliff House
T.	Queen	T.	Ellenburger	т.	Menefee
т.	Grayburg	T.	Gr. Wash	т.	Point Lookout
T.	San Andres	Т۰	Granite	т.	Mancos
T.	Glorieta	T.		т.	Dakota
T.	Drinkard	т.		т.	Morrison
T.	Tubbs	T.		T.	Penn
Т.	Аро	T.		Т۰	
Т.	Penn	т.	······································	т.	
Т٠	M1ss	T.		Т·	



# MISCELLANEOUS REPORTS ON WELLS

Submit this report in triplicate to the Oil Conservation Commission District Office within ten days after the work specified is completed. It should be signed and filed as a report on beginning drilling operations, results of shooting well, results of test of casing shut off, result of plugging of well, and other important operations, even though the work was witnessed by an agent of the Commission. See additional instructions in the Rules and Regulations of the Commission.

	Indicate nat	ure of repo	rt by checking below.		
REPORT ON BEGINNING DRI OPERATIONS	ILLING	1	REPORT ON RE	PAIRING WELL	1
REPORT ON RESULT OF SHO CHEMICAL TREATMENT			REPORT ON PUI ALTERING C	LING OR OTHERWIS	E
REPORT ON RESULT OF TES SHUT-OFF	T OF CASING	x	REPORT ON DEP	CPENING WELL	
REPORT ON RESULT OF PLU	GGING OF WELL				
		January	3, 1952	Artesia,	New Mex.
	**************************************		Date	Pla	ce
Following is a report on the work	done and the result	s obtained 1	under the heading noted	above at the	
Lubbock Machi Company or	ne Co., Inc. Operator	Cont	inental State	Well No1	in the
ST NE	of Sec	5	, <u>T. 198</u>	, r. <b>29</b> E	, N. M. P. M.,
Wildcat				Eddy	County.
The dates of this work were as fo	ollows:				
Scueezed Perfor shut off. Will put			875' with 25 sad	sks of cement, w	a <b>ter</b>
Witnessed by	Name		Сотралу		Title
	······································		<u></u>		
APPROVED: OIL CONSERVATION	Som		is true and correct. Name Age	irm that the information 7 D. O.2 ent boock Machine Co.	es
Date	1 - 4	19.5 L	Address 205	Company of Operator W. MO. APtesie	1, N.M.



Santa Fe, New Mexico

### MISCELLANEOUS REPORTS ON WELLS

Submit this report in TRIPLICATE to the District Office, Oil Conservation Commission, within 10 days after the work specified is completed. It should be signed and filed as a report on Beginning Drilling Operations, Results of test of casing shut-off, result of plugging of well. result of well repair, and other important operations, even though the work was witnessed by an agent of the Commission. See additional instructions in the Rules and Regulations of the Commission.

Indicate	Nature	of	Report	by	Checking	Below
----------	--------	----	--------	----	----------	-------

REPORT ON BEGINNING		REPORT ON RESULT OF TEST	REPORT ON
DRILLING OPERATIONS		OF CASING SHUT-OFF	REPAIRING WELL
REPORT ON RESULT	x	REPORT ON RECOMPLETION	REPORT ON
OF PLUGGING WELL		OPERATION	(Other)

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

Labbook Mashine Co. Inc.	Continental-State
(Company or Operator) 	(Lease) ., Well NoJin theSM1/4. NB
T 198, R 298, NMPM., Nest. Turkey. Tueck	Pool,County.
The Dates of this work were as follows:	
Notice of intention to do the work (was) (was not) submitted on Form	n C-102 on
and approval of the proposed plan (was) (was not) obtained.	

DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

Hole filled with mad to 2440', comment plug you 2440' to 2400' 10 sack plug set on stub of 7" easing at 1375". 5 sack e plug set at base of salt @ 725'. 10 sack comput plug set of salt @ 385'. Pelled 175' of \$ 5/8" esg. REFULATION MARKER SET.

ារូចស្ទុ មើលជាមីម iji en anta

Witnessed by.....

(Company)

(Title)

Approved OIL CONSERVATION COMMISSION x Name.. Position.... (Title) ...... (Date)

(Name)

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

Representing Labbook Machine Co. Address P.O. Be THERE

-

### SANTA FE. NEW MEXICO

# **MISCELLANEOUS NOTICES**

T	TP-	COR		
		MAY31	1949	71
v pre	ult			

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

### Indicate nature of notice by checking below:

NOTICE OF INTENTION TO TEST CASING SHUT-OFF	NOTICE OF INTEN CHEMICALLY			R	
NOTICE OF INTENTION TO CHANGE PLANS	NOTICE OF INTEN OTHERWISE				
NOTICE OF INTENTION TO REPAIR WELL	NOTICE OF INTEN	TION TO PL	UG WE	LL	X
NOTICE OF INTENTION TO DEEPEN WELL					
	Hobbs, New Maxico		May	25.	1949
	Place		Date		
OIL CONSERVATION COMMISSION, Santa Fe, New Mexico.					
Gentlemen:					
Following is a notice of intention to do certain work a Continental Oil Company	as described below at the	Well No	1	in	MR/4
Company or Operator Lease of Sec, T, R	, N. M. P. M.,				Field.
County.					

### FULL DETAILS OF PROPOSED PLAN OF WORK FOLLOW INSTRUCTIONS IN THE RULES AND REGULATIONS OF THE COMMISSION

Subject well was drilled to total depth of 3045' and no commercial production was encountered. Therefore, your permission to plug and abandon this well in the following manner is requested.

12# mud will be placed from total depth to 820' Cement plug will be placed by 720', base of salt 12# mud will be placed from 770' to 365', top of salt section Cement plug will be placed from 365' to 255'. 12# mud will be placed from 255' to within 50' of surface. Top 50' of hole will be filled with cement, 4' marker erect will and location restored to original condition. 13-3/8" casing was set and cemented in 200' well at 305' and will be left in hole.

OCT 5 1949	Continental Dil Company
except as follows:	Company or Operator
	By District Consultatendent
	Position <u>District Superintendent</u> Send communications regarding well to
OH CONSERVATION COMMISSION,	Name A A Owen
, Jun a lam	Address Sox CC. Hobbs, New Mexico
ARTESIA REPRESENTATIVE	·

	TION COMMISSION	JUNI 7 1949
PHISCELLANEOUS		SEL VEU
Submit this report in triplicate to the Oil Conservation C specified is completed. It should be signed and sworn to tions, results of shooting well, results of test of casing s tions, even though the work was witnessed by an agent of signed and sworn to before a notary public. See additions Indicate nature of a	commission or its proper agent within ten da before a notary public for reports on begins shut off, result of plugging of well, and other the Commission. Reports on minor opera	ays after the work ning drilling opera- er important opera- tions need not be
REPORT ON BEGINNING DRILLING OPERA- TIONS	REPORT ON REPAIRING WELL	
REPORT ON RESULT OF SHOOTING OR CHEM- ICAL TREATMENT OF WELL	REPORT ON PULLING OR OTHEN ALTERING CASING	RWISE
REPORT ON RESULT OF TEST OF CASING	REPORT ON DEEPENING WELL	
REPORT ON RESULT OF PLUGGING OF WELL	£.	
	June 16, 1949 Hobbs, N Date	AW Mexico
OIL CONSERVATION COMMISSION, SANTA FE, NEW MEXICO Gentlemen: Following is a report on the work done and the results ob		Place
Continental Oil Company St Company or Operator	Lease Well No	in the
	_, T19 S, R29 K	, N. M. P. M.,
#lideatField,		County.
The dates of this work were as follows: 5-26-49		
Notice of intention to do the work was (water to be build		May 25 19 40
and approval of the proposed plan was (was not) obtain DETAILED ACCOUNT OF WOR	ined. (Cross out incorrect words.) K DONE AND RESULTS OBTAINED	
Subject well was plugged and abande	oned in the following manner:	
12# mud was placed from total depth from 820: to 720', base of salt. 12# mu section. Cement plug was placed from to within 50' of surface Top 50' of he erected and location restored to original cemented in this well at 305' and was lo	nd was placed from 720% to 365% 365% to 255% 12# mid was pla ole was filled with cement, 4% al condition. 13-3/6% casing w	, top of salt ced from 255 marker mas
from 820: to 720; base of salt. 12# mm section. Cement plug was placed from to within 50; of surface Top 50; of he erected and location restored to origina	nd was placed from 720% to 365% 365% to 255% 12# mid was pla ole was filled with cement, 4% al condition. 13-3/6% casing w	, top of salt ced from 2555 marker mas
from 820: to 720; base of salt. 12# mm section. Cement plug was placed from to within 50; of surface Top 50; of he erected and location restored to original cemented in this well at 305; and was lo Witnessed by	ud was placed from 720' to 365: 365: to 255: 12# mid was pla ole was filled with cement, 4' al condition. 13-3/6" casing w eft in hole	, top of salt ced from 255 marker was as set and Title
from 820: to 720;, base of salt. 12# mm section. Cement plug was placed from to within 50; of surface Top 50; of he erected and location restored to origins cemented in this well at 305; and was 1; Witnessed by	nd was placed from 720° to 365° 365° to 255° 12# mid was pla ole was filled with cement, 4° al condition, 13-3/6° casing w eft in hole Company I hereby swear or affirm that the inform is true and correct.	, top of salt ced from 255 marker was as set and Title
from 820: to 720;, base of salt. 12# mm section. Cement plug was placed from to within 50; of surface Top 50; of he erected and location restored to origins cemented in this well at 305; and was lo Witnessed by	nd was placed from 720' to 365 365' to 255' 12# mid was pla ole was filled with cement, 4' al condition, 13-3/6" casing w eft in hole Company I hereby swear or affirm that the inform is true and correct.	, top of salt ced from 255 marker was as see and Title mation given above

My commission expir	es <u>5-17-53</u>	Address Box CC, Hobbs, New Mexico
Remarks:		Curtollana-
	APPROVED	ARTESLA REPRESENTATIVE
	Mata	and Title

Submit 3 Copies To Appropriate District Office	State of New Mexico	Form C-103		
District I	Energy, Minerals and Natural Resources	May 27, 2004		
1625 N. French Dr., Hobbs, NM 88240		WELL API NO. 30 015 24930		
District II 1301 W. Grand Ave., Artesia, NM 88210	OIL CONSERVATION DIVISION	5. Indicate Type of Lease		
District III	1220 South St. Francis Dr.	STATE X FEE		
1000 Rio Brazos Rd., Aztec, NM 87410 District IV	Santa Fe, NM 87505	6. State Oil & Gas Lease No.		
<u>Disolet IV</u> 1220 S. St. Francis Dr., Santa Fe, NM 87505	, 	L-1022		
	ICES AND REPORTS ON WELLS	7. Lease Name or Unit Agreement Name		
(DO NOT USE THIS FORM FOR PROPO	SALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A CATION FOR PERMIT" (FORM C-101) FOR SUCH	Gnajalote State		
1. Type of Well: Oil Well	Gas Well Other X	8. Well Number 2		
2. Name of Operator	· · · · · · · · · · · · · · · · · · ·	9. OGRID Number 184860		
Melrose Operating Company	FEB 1 5 2008			
3. Address of Operator	OCD-ARTESIA	10. Pool name or Wildcat		
c/o P.O. Box 953		SWD: Queen-Grayburg		
4. Well Location				
Unit Letter O : 6	60 feet from the South line and 1980	feet from the East line		
Section 5	Township 19S Range 29E	NMPM Eddy County		
	11. Elevation (Show whether DR, RKB, RT, GR, etc.	) 3397 GR		
Pit or Below-grade Tank Application 🔲 o	r Closure 🔲	CLERKS ON ALLOW STREET		
	ater Distance from nearest fresh water well Dist	tance from nearest surface water		
Pit Liner Thickness: mil		onstruction Material		
	Appropriate Box to Indicate Nature of Notice,	Report or Other Data		
NOTICE OF IN		SEQUENT REPORT OF:		
	PLUG AND ABANDON			
PULL OR ALTER CASING		T JOB X		
OTHER:	OTHER:			
13 Describe proposed or comp	leted operations. (Clearly state all pertinent details, an	d give pertinent dates including estimated date		
	ork). SEE RULE 1103. For Multiple Completions: At			
<b>A</b>	x sand on RBP. BJ pumped 180 sx thix-o-tropic cemen	t & 200 sx CLC 2% CaCL WOC		
	led solid cmt to 425'. Testing casing – determine need			
	2 7/8" casing string set @ 2796' in 4 $1/2$ " cased hole. If			
	ured up to 1000 psi for 30 minutes. Rigged down BJ.			
	reline. Perforated 2 7/8" from 2275 - 2820'.			
	15% HCL., 1 1/4" tubing string to 2250', tension packet			
7-12-07: Tested 2 7/8" casing to 500	psi for 30 minutes. OCD witnessed test and took chart			
I hereby certify that the information	above is true and complete to the best of my knowledge	e and belief. I further certify that any pit or below-		
grade tank has been/will be constructed or	closed according to NMOCD guidelines X , a general permit $\Box$	or an (attached) alternative OCD-approved plan 🗌.		
SIGNATURE Martin	TITLERegulatory Agent_	DATE2-7-08		
Type or print same	E-mail address:	Talanhana Ma		
Type or print name For State Use Only	L-man autress.	Telephone No.		
Lo. State Cor Villy				
APPROVED BY:	TITLE	DATE		
Conditions of Approval (if any):	······································			
•				

Accepted for record - NMOCD

Santa Fe, New Mexico

# MISCELLANEOUS REPORTS ON WELLS

Submit this report in TRIPLICATE to the District Office, Oil Conservation Commission, within 10 days after the work specified is completed. It should be signed and filed as a report on Beginning Drilling Operations, Results of test of casing shut-off, result of plugging of well, result of well repair, and other important operations, even though the work was witnessed by an agent of the Commission. See additional instructions in the Rules and Regulations of the Commission.

Indicate	Nature	of	Report	by	Checking	Below
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REPORT ON BEGINNING DRILLING OPERATIONS		REPORT ON RESULT OF TEST OF CASING SHUT-OFF	REPORT ON REPAIRING WELL	
REPORT ON RESULT OF PLUGGING WELL	x	REPORT ON RECOMPLETION OPERATION	REPORT ON (Other)	

June 18, 1954	Artesia, N. N.
(Date)	(Place)

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

· p-

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1.

Miller Bros. Oil Co. J	ones & Watkins	State	
(Company or Operator)		(Lease)	
	, Well No1	in the SE 1/4 NW 1/4	of Sec. 5
(Contractor)			
T19 , R. 29 , NMPM, Turkey Track	Pool,	Eddy	County.
The Dates of this work were as follows: March, 1954			
Notice of intention to do the work (was) (wassourd) submitted on	Form C-102 on	(Cross out incorrect words)	, 19,
and approval of the proposed plan (was) (Second obtained.			
DETAILED ACCOUNT OF W	ORK DONE AND RE	SULTS OBTAINED	
15' cement 2733 to 2748			
Cut 7" casing at 1750*.			
Set 5 sacks cement on bridge @ 1700			
Set 5 * * * @ 800*			
Set 10 " " @ 400•		12	.)
Pulled 8 5/8 casing		Pou	Ο.
Mudded hole to surface and set marker			
Withesseu by	MILLER BROS. OI	***************************************	•
(Name)	(Company)	(Title)	
Approved: OIL CONSERVATION COMMISSION	I hereby certify to the best of n	that the information given above is by knowledge.	true and complete
p. a. A fansor	• Name	V. Miller	
(Name)	Position	Pertner	
	Representing	MILLER BROS. OIL CO	)
(Title) (Date)	Address	805 S. Fifth St.	
		Artesia, N. M.	

West Surkey Fred Pool Turkey Track-7 Rivers Eddy\_\_\_\_ Depth \_ .nty \_ SCOUT REPORT New Mexico Oil Conservation Commission Farm Name Jones & Watkins Well No. 1 Miller Bros Company 23/0 S Feet from Line Sec 5 Feet from Line Twp. 195 Range 29E 1-23-51 C 101 Approved: Lanđ State Contractor Elevation - Completed Spudded / N Total Depth -1.0 P. B. -> TA To Pay District 7 TΧ 17.1 ВX I. P. / BOPD С Hrs. 9.2.5 ТΥ Base BO Inch TSR Christen · Feet то 1480 Tubing: 0, Ħ Tubing Μ Pressures: Casing TGB GOR 7 2 4 Gravity . TSA 2 Effective Perfs. TGlo TDr T. Tubbs TAbo S TPenn Self & Shoeting Record I. Miss. a. Levi AMCUNT 6 From \***# 17** To. 10 CASING & CEMENTING RECORD 2 From 2742 To 2 S. SH. From 27500 Sam C. Host. Siz  $n_{i}$  $C_{227} \gg 1$ T. Simp. Frem Re 2500 TeT. Mck. From 2:40 To 275 L al H 4500 1411 Cer W SHOWS TGe т. 7 3/ -127 C 1 Т. <u>s/</u> Ĵ אלה על אין אירידי "רינטידים ענדימאניישנה" אין אניינאראיניטיא אין אילי גידע. אניגענגאנענגן געיין אין אייא גענענענענער אין אייזענאנער געניינענענער געניין אייזער געניין אייז אייז אייז אייז א MAR 21 0133. Jan. 17 Location MAR 28 **JAN 24** 91-163 **JAN 31** APR 4 Ø, 4% Star y FEB 11 2775 APR 11 OF **FEB** 21 **FFR** 28 MAR 7 5 Ca- hurt APR 18 MAR Ć

# MISCELLANEOUS REPORTS ON WELLS

Submit this report in triplicate to the Oil Conservation Commission District Office within ten days after the work specified is completed. It should be signed and filed as a report on beginning drilling operations, results of shooting well, results of test of casing shut off, result of plugging of well, and other important operations, even though the work was witnessed by an agent of the Commission. See additional instructions in the Rules and Regulations of the Commission.

### Indicate nature of report by checking below.

REPORT ON BEGINNING DRILLING OPERATIONS	REPORT ON REPAIRING WELL
REPORT ON RESULT OF SHOOTING GR CHEMICAL TREATMENT OF WELL	REPORT ON PULLING OR OTHERWISE ALTERING CASING
REPORT ON RESULT OF TEST OF CASING SHUT-OFF	REPORT ON DEEPENING WELL
REPORT ON RESULT OF PLUGGING OF WELL	Report on Running Casing



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

1e

Miller Bros. Of	1 Co.	Jones	& Watk	ins	Well No.	#1	in the
-	ompany or Operator			Lease			
SRIGE HE	of Sec	5	, T	199	, R		, N. M. P. M.,
SevenRivers-Tu	rkey Track Pool		Eddy			•••••••••••	County.
The dates of this work	were as follows:	1/26/5	2	4/15/51			
		•					

DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

# Ran 340' of 8 5/8 casing. Ran 2745' of 7"CD 20 lb casing and comented with 40 sacks. Bettom hole water plugged off from 2759 to 2785. All water shut off.

Witnessed by	Name	Company	Title
APPROVED: OIL CONSE	WATHOR COMMISSION	I hereby swear or affirm that th is true and correct. Name Alendar	e information given above P. Miller
OIL AND GA	Name S 1115 DE 9 70 9	Position Partner	······
MAY 25	Title		ros. Oll Co.
	Date 19.	Address Artesia, New	Mexico

### CONSERVATION COMMISSION Santa Fe, New Mexico

### REQUEST FOR (OIL)-(GAS) ALLOWABLE

It is necessary that this form be submitted by the operator before an initial allowable will be assigned to any completed oil or gas well. Form C-110 (Certificate of Compliance and Authorization to Transport 0il) will not be approved until Form C-104 is filed with the Commission. Form C-104 is to be submitted in triplicate to the office to which Form C-101 was sent. Two copies will be retained there and the other submitted to the Proration Office, Hobbs, New Mexico. The allowable will be assigned effective 7:00 a.m. on date of completion, provided completion report is filed during month of completion. The completion date shall be that date in the case of an oil well when oil is delivered into the stock tanks. Gas must be reported on 15.025 P.B. at  $60^{\circ}$  Fahrenheit.

		Artesia	, New Mexico		May 10, 1	.951	
		Pla	ce		Date		
				Mount		<b>.</b>	
WE ARE H	IEREBY REG	UESTING	AN ALLOWABLE FOR A WELL H	NOWN AS:	SEASE2	NW1	
	WILLER B	ROS. OTL	CO. Jones-Watkins		÷ •	• •	
	Company o				<u>بالمعالمة المعالمة ا</u>	/ 4 1/ 4	
				and at			
section_	<u>    5                                </u>	т. <u>195</u> ,	R. 29E .N.M.P.M.	er Rivers P	001 <u> </u>	ddyCount	.y
			Wester				
Please i	ndicate 1	ocation:	Elevation 3393 Sr	oudded_1-24-9	51_Complet	ed <u>May 2, 19</u>	51
[			Total Depth 2785	P.B	2759		-
					07	70 0795	
			Top Oil/Gas Pay 27452 Initial Production Test	<u>159</u> Top wat	er Pay⊆(	BOPD OR CU	FT)
			Initial Production lest		FIOW	GAS PER D	AY )
			Based on 15 Bbls. 01				
	0		Method of Test (Pitot,	·.			
			Size of choke in inches				
			Tubing (Size) 2"	upset	@ <b>2</b>	<u>747 tee</u>	t
		+	Pressures: Tubing		Casing		_
			Gas/Oil Ratio		Gravity	35	
			Cas	ing Perforat	ions:		-
	ក		_				
Unit le	tter:F						
			Acid Record:			las and water	
Casing &	Cementin	g Record	<u>3500</u> Gals 2740 to	_2759S/	185	Water	•
Size	Feet	Sax	Gals to		<u>1998 to</u>	2010 <u>1</u> gal. oi	l, l gal,
	1 1		Gals to	S/	/ 2160 to /	water	
8 5/8	340		Shooting Record.			59 0il	
{	1	.	Qts to		<u> </u>		
7" OD	2745	40	Qts to_		/		
1	1 1	1	Qts to_				
	+		Natural Production Test	:	Pumping_4_		CAC
			Test after acid or shot				
J			-		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
Please i	ndicate b	elow Form	mation Tops(in conformanc	e with geogr	aphical sec	ction of state	·):
	S	outheast	ern New Mexico	Nor	thwestern N	vew Mexico	
	760	175					
T. Anhy_	440	L()	T. Devonian				
T. Salt_	760						
-	ers		T. McKee				
	·····						
- •	urg		T. Gr. Wash	Т. Ро			
T. San A	ndres		T. Granite	Т. Ма	ncos		
T. Glori	eta		T. <u>Red sand 1980201</u>	<u>0</u> T. Da	kota		
	ard			Т. Мо	rrison		
			T	<u>T</u>			
T. Miss_			T	T•			

(Please supply required information on reverse side of form)

### STATE CF NEW MEXICO ENERGY AND MINERALS DEPARTMENT OIL CONSERVATION DIVISION

IN THE MATTER OF THE HEARING CALLED BY THE OIL CONSERVATION DIVISION FOR THE PURPOSE OF CONSIDEFING:

> CASE NO. 8617 Order No. R-7975

APPLICATION OF MOROILCO. INC. FGR SALT WATER DISPOSAL, EDDY COUNTY, NEW MEXICO.

### ORDER OF THE DIVISION

### BY THE DIVISION:

This cause came on for hearing at 8 a.m. on June 5, 1985, at Santa Fe, New Mexico, before Examiner Gilbert P. Quintana.

NOW, on this <u>9th</u> day of July, 1985, the Division Director, having considered the testimony, the record, and the recommendations of the Examiner, and being fully advised in the premises,

### FINDS THAT:

(1) Duc public notice having been given as required by law, the Division has jurisdiction of this cause and the subject matter thereof.

(2) The applicant, MorOilCo., Inc., is the owner and operator of the West Guajalcte State Well No. 2, located 660 feet from the South line and 1980 feet from the East line of Section 5, Township 19 South, Range 29 East, NMPM, Eddy County, New Mexicc.

(3) The applicant proposes to utilize said well to reinject produced salt water into the Queen and Grayburg formations, with injection into the perforated interval from approximately 2264 feet to 2650 feet.

(4) The offset operators of sold well have not objected to the proposed disposal operations of the applicant.

(5) The disposal of produced water simultaneously into the Queen and Grayburg formations will not pose any water compatability problems, endanger fresh water sources, or adversely affect any offsetting production from the same formations. -2-Case No. 8617 Order No. 7975

(6) The injection should be accomplished through 2 3/8 inch plastic lined tubing installed in a packer set at approximately 2250 feet; the casing-tubing annulus should be filled with an inert fluid; and a pressure gauge or approved leak detection device should be attached to the annulus in order to determine leakage in the casing, tubing, or packer.

(7) The injection well or system should be equipped with a pressure limiting switch or other acceptable device which will limit the wellhead pressure on the injection well to no more than 455 psi.

(8) The Director' of the Division should be authorized to administratively approve an increase in the injection pressure upon a proper showing by the operator that such higher pressure will not result in migration of the injected waters from the Queen and Grayburg formations.

(9) The operator should notify the supervisor of the Artesia district office of the Division of the date and time of the installation of disposal equipment so that the same may be inspected.

(10) The operator should take all steps necessary to ensure that the injected water enters only the proposed injection interval and is not permitted to escape to other formations or onto the surface.

(11) Approval of the subject application will prevent the drilling of unnecessary wells and otherwise prevent waste and protect correlative rights.

### IT IS THEREFORE ORDERED THAT:

(1) The applicant, MorOilCo. Inc., is hereby authorized to utilize its West Guajalote State Well No. 2, located 660 feet from the South line and 1980 feet from the East line of Section 5, Township 19 South, Range 29 East, NMPM, Eddy County, New Mexico, to reinject produced salt water into the Queen and Grayburg formations, injection to be accomplished through 2 3/8 inch tubing installed in a packer set at approximately 2250 feet, with injection into the perforated interval from approximately 2264 feet to 2650 feet;

PROVIDED HOWEVER THAT, the tubing shall be plastic-lined; the casing-tubing annulus shall be filled with an inert fluid; and a pressure gauge shall be attached to the annulus or the annulus shall be equipped with an approved leak detection device in order to determine leakage in the casing, tubing, or packer. -3-Case No. 8617 Order No. 7975

(2) The injection well or system shall be equipped with a pressure limiting switch or other acceptable device which will limit the wellhead pressure on the injection well to no more than 455 psi.

(3) The Director of the Division may authorize an increase in injection pressure upon a proper showing by the operator of said well that such higher pressure will not result in migration of the injected fluid from the Queen and Grayburg formations.

(4) The operator shall notify the supervisor of the Artesia district office of the Division of the date and time of the installation of disposal equipment so that the same may be inspected.

(5) The operator shall immediately notify the supervisor of the Division's Artesia district office of the failure of the tubing, casing, or packer, in said well or the leakage of water from or around said well and shall take such steps as may be timely and necessary to correct such failure or leakage.

(6) The applicant shall conduct disposal operations and submit monthly reports in accordance with Rules 702, 703, 704, 705, 706, 708, and 1120 of the Division Rules and Regulations.

(7) Jurisdiction of this cause is retained for the entry of such further orders as the Division may deem necessary.

DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.

STATE OF NEW MEXICO OIL CODSERVATION DIVISION

) / L-turn R. L. STAMETS,

Director

SELL





5 sx at surface

Mud filled between plugs

10 sx plug at 400'

Mud filled between plugs

5 sx plug at 800'

Mud filled between plugs

7" casing cut-off at 1750' 5 sx cement plug at 1750'

### PLUGGING DETAIL

Miller Brothers Oil Co. Jones & Watkins State #1 SE¼ NW¼ Section 5 T19S R29E Eddy County, New Mexico

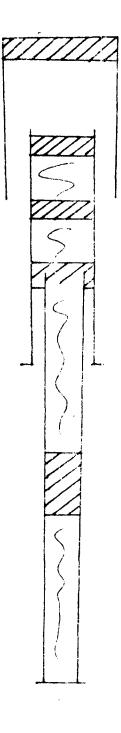
15' cement plug 2733' to 2748'

.

T.D. 2745'



DRAWER I ARTESIA, NEW MEXICO 88210



5 sx at surface

Top of 8-5/8" casing 175'

10 sx cement plug set at top of salt 385' & base of 8-5/8" casing

5 sx cement plug set at base of salt 725'

10 sx plug set on stub of 7" casing at 1375'

Mud filled between plugs

Cement plug from 2440' to 2400'

Mud filled between plugs

T.D. 3000'

PLUGGING DETAIL

Lubbock Machine Co., Inc Continental State #1 SW¼ NE¼ Section 5 T19S R29E Eddy County, New Mexico



DRAWER ! ARTESIA, NEW MEXICO 88210

50' cement plug on top

13-3/8" casing set to 305' to circulate cement

Cement Plug from 365' to 255'

Cement plug from 820' to 720'

PLUGGING DETAIL

Stanley L. Jones Continental Delaware #1 NE¼ NW¼ Section 8 T19S R29E Eddy County, New Mexico

12# mud placed from 3045' to 820'

T.D. 3045'

660' FSL AND 1980' FEL, Section 5, T19S, R29E MELROSE OPERATING COMPANY GUAJALOTE STATE, WELL #2 Eddy County, New Mexico

# 1/2 MILE RADIUS WELLS:

Section 5	Location	Operator
30 015 03562	G-5-19S-29E	Lubbock Machine Co., West Turkey Track Well #1
30 015 03563	F-5-19S-29E	Miller Bros. Oil Co., Turkey Track #1
30 015 22422	K-5-19S-29E	Melrose Operating Co., Guaialote A #1
30 015 24806	J-5-19S-29E	Melrose Operating Co., Guaialote #1
30 015 25074	G-5-19S-29E	Melrose Operating Co., Guaialote #3
30 015 25292	I-5-195-29E	Melrose Operating Co., Guaialote #4
30 015 29337	J-5-195-29E	OXY USA, Oxy Mako State #1
30 025 29867	L-5-19S-29E	SDX Resources, Guajalote A #3
Section 8		
30 015 03567	C-8-19S-29E	Continental, State 8, Well #1
30 015 29464	H-8-19S-29E	Oxy USA, Auto State #1
30 015 33289	E-8-19S-29E	Bold Energy, TDC 8 State #2

Status

ve Lees P&A (attached) Lt. Lt. Ct. đ P&A (attached) Producing Producing Producing Producing Producing /

P & A (attached) No LoGS SI Producing

### NEW MEXICO OIL CONSERVATION COMMISSION Santa Fe, New Mexico

4 7/1/89

03562

## MISCELLANEOUS REPORTS ON WELLS

Submit this report in TRIPLICATE to the District Office, Oil Conservation Commission, within 10 days after the work specified is completed. It should be signed and filed as a report on Beginning Drilling Operations, Results of test of casing shut-off, result of plugging of well, result of well repair, and other important operations, even though the work was witnessed by an agent of the Commission. See additional instructions in the Rules and Regulations of the Commission.

Indicate	Nature	of	Report	by	Checking Below
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REPORT ON BEGINNING DRILLING OPERATIONS		REPORT ON RESULT OF TEST OF CASING SHUT-OFF	REPORT ON REPAIRING WELL	
REPORT ON RESULT OF PLUGGING WELL	X	REPORT ON RECOMPLETION OPERATION	REPORT ON (Other)	

(Date) June 23, 1955 Artesia, K. N. (Place)

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

Labboek Mashine Co. Inc.	Continental-State
(Company or Operator)	(Loaso)
C. O. Pilton (Contractor)	, Well No
T. 198., R. 298., NMPM., Hert. Turkey. Turkey.	Pool,
The Dates of this work were as follows:	
Notice of intention to do the work (was) (was not) submitted on Form	C-102 on, 19, 19,

and approval of the proposed plan (was) (was not) obtained.

DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

Hole filled with med to 2440°, commut plug yes 2440° to 2400°, 10 sack plug set on stub of 7" casing at 1375°. 5 sack commut plug set at base of salt 0 725°. 10 sack commut plug set top of salt 0 385°. Pulled 175° of 8 5/8" sag. RECVLATION MARKER SET.

	He cal
Control A. C.	(Company) (Title)
Approved: OIL CONSERVATION COMMISSION	I hereby certify that the information given above is true and complete to the best of my knowledge. Name
(Titie) (Date)	Representing Lubbook Kaching Co. Inc. Address P.O. Ben 1569, Lubbook, Tynas

Santa Fe, New Mexico

# MISCELLANEOUS NOTICES

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

### Indicate Nature of Notice by Checking Below

NOTICE OF INTENTION TO CHANGE PLANS		NOTICE OF INTENTION TU Temporarily Abandon Well	NOTICE OF INTENTION TO DRILL DEEPER	
NOTICE OF INTENTION TO PLUG WELL	X	NOTICE OF INTENTION TO PLUG BACK	NOTICE OF INTENTION TO SET LINER	
Notice of Intention to Squeeze		Notice of Intention to Acidize	Notice of Intention to Shoot (Nitto)	
Notice of Intention to Gun Perforate		Notice of Intention (Other)	Notice of Intention (Other)	

OIL CONSERVATION COMMISSION SANTA FE, NEW MEXICO

alesca year Mey 3-29-5 (Date)

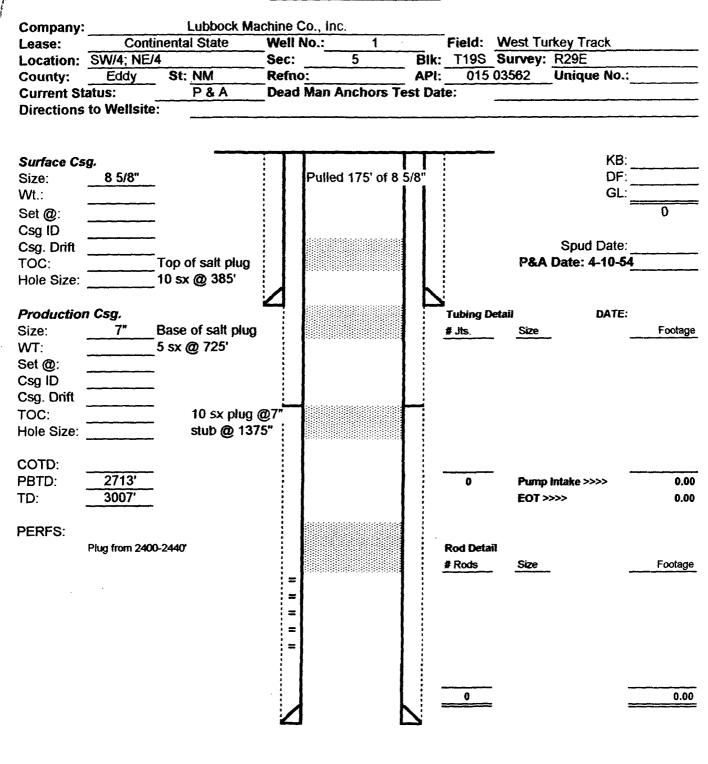
Gentlemen:

Eoflowing is a Notice of Intention to do certain work as described below at the..... Well No R. 29Е, NMPM., .....County

FULL DETAILS OF PROPOSED PLAN OF WORK (FOLLOW INSTRUCTIONS IN THE RULES AND REGULATIONS)

TD= 3007 ft, Plugged back 2713 ft. Set cement per 2440-2400 Cement plug at temp of 7" steet For Sant at bore of Palt @ 725 10 Save Base of 8 48 + top palt. Well w. Approved.. ....., 19...... Except as follows: ny op Operator By..... Position..... Approved Send Communications regarding well to: OIL CONSERVATION COMMISSION By.. Name. Title..... Address ....

# CURRENT WELLBORE DIAGRAM



(Form C-103) (Revised 7/1/52)

- - - -

### NEW INEXICO OIL CONSERVATION COMMISSION

- بوز

Santa Fe, New Mexico

# MISCELLANEOUS REPORTS ON WELLS

Submit this report in TRIPLICATE to the District Office, Oil Conservation Commission, within 10 days after the work specified is completed. It should be signed and filed as a report on Beginning Drilling Operations, Results of test of casing shut-off, result of plugging of well, result of well repair, and other important operations, even though the work was witnessed by an agent of the Commission. See additional instructions in the Rules and Regulations of the Commission.

	Indicate Nature	of Beport by Checking Bel	low	
REPORT ON BEGINNING DRILLING OPERATIONS	REPORT O OF CASINO	N RESULT OF TEST SHUT-OFF	REPORT ON REPAIRING WELL	
REPORT ON RESULT OF PLUGGING WELL	x REPORT O OPERATIO	N RECOMPLETION	REPORT ON (Other)	
		June 18 1951; (Date)	Artesia, N. M.	<b>e</b> )
Following is a report on the work	done and the results	obtained under the heading h	oted above at the	
Miller Bros	• 011 Co.	Jones & Watkins	State	
(Company or Op	erator)		(Lease)	
(Contractor T19, R. 29, NMPM, T	and a Charles		in the SE 1/4 NW 1/4 of the Eddy	
The Dates of this work were as folows:	March, 1954			
			-	
Notice of intention to do the work (was	(washing) submitted of	on Form C-102 on	(Cross out incorrect words)	, 19
	(another all a literal		(cross our meoriect words)	
and approval of the proposed plan (was)	(Joseph CL) obtained.			
DETAI	LED ACCOUNT OF V	VORK DONE AND RESUL	TS OBTAINED	
15' cement 2733 to 2748				
Cut 7" casing at 1750".				
Set 5 sacks cement on bri	ldge @ 1700		,	
Set 5 " "	# <b>\$</b> 800*			
Set 10 " "	n 9 1001		Pow	
Pulled 8 5/8 casing			1.0, W	
Mudded hole to surface an	d set marker			
Witnessed by CHARLES V.	MTLLER	MILLER BROS. OIL C	0. Partner	
Witnessed by		(Company)	(Title)	
Approved:	OMMISSION	I hereby certify that to the best of my kn	the information given above is true :	and complete
La G Adama	2 martines con	Name.	M ille	
(Name)			Partin er	
		Representing	MILLER BROS. OIL CO.	
(Title)	(Date)	Address	805 S. Fifth St.	

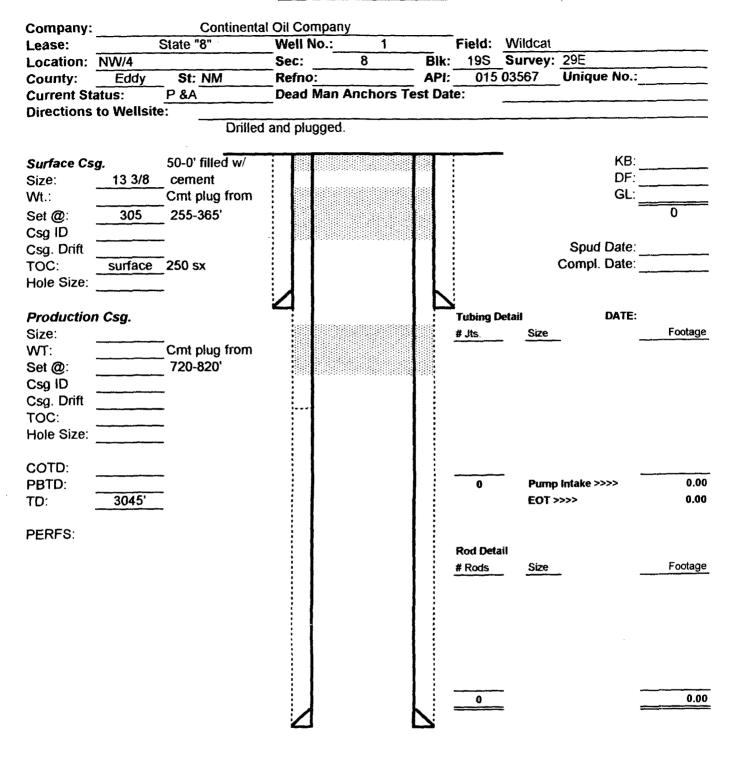
Artesia, N. M.

# CURRENT WELLBORE DIAGRAM

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						# Rods	Size	-	Footage
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			20		<u></u>		<b>2</b> 410,		

- Last

# CURRENT WELLBORE DIAGRAM



	5-015-03567
Santa I	ATION COMMISSION Fe, New Mexico REPORTS ON WELLS
	OFFICE
specified is completed. It should be signed and sworn t tions, results of shooting well, results of test of casing tions, even though the work was witnessed by an agent signed and sworn to before a notary public. See addition	Commission or its proper agent within ten days after the work to before a notary public for reports on beginning drilling opera- s shut off, result of plugging of well, and other important opera- of the Commission. Reports on minor operations need not be nal instructions in the Rules and Regulations of the Commission. Freport by checking below.
REPORT ON BEGINNING DRILLING OPERA- TIONS	REPORT ON REPAIRING WELL
REPORT ON RESULT OF SHOOTING OR CHEM- ICAL TREATMENT OF WELL	REPORT ON PULLING OR OTHERWISE ALTERING CASING
REPORT ON RESULT OF TEST OF CASING SHUT-OFF	REPORT ON DEEPENING WELL
REPORT ON RESULT OF PLUGGING OF WELL	I
OIL CONSERVATION COMMISSION,	June 16, 1949 Hobbs, New Mexico Date Place
SANTA FE, NEW MEXICO Gentlemen:	
Following is a report on the work done and the results of	obtained under the heading noted above at the
Continental Oil Company Company or Operator	State BRH Well No in the
	, T <u>19 S</u> , R <u>29 B</u> , N. M. P. M.,
WlideatField,	Kidy County.
The dates of this work were as follows: 5-26-49	5-27-19
	bmitted on Form C-102 on May 25192
and approval of the proposed plan was (was not) obt	
DETAILED ACCOUNT OF WO	RK DONE AND RESULTS OBTAINED
Subject well was plugged and aband	doned in the following manner:
from 820 <sup>°</sup> to 720 <sup>°</sup> , base of salt. 12# r section. Cement plug was p laced from to within 50 <sup>°</sup> of surface. Top 50 <sup>°</sup> of H erected and location restored to origin cemented in this well at 305 <sup>°</sup> and was 1	th of 3045% to 220%. Cement plug was placed mid was placed from 720% to 365%, top of salt a 365% to 255% 12# mid was placed from 255% hole was filled with cement, 4% marker was mal condition. 15-3/6% casing was set and left in hole
Witnessed byName	Company Title
Subscribed and sworn before me this	I hereby swear or affirm that the information given above is true and correct.
16th day of lune_ 19.49	1 <b>4</b> - 0
J. D. M. Concuch	Position Superintendent
Notary Public	Representing <u>Continental Oil Company</u> Company or Operator
My commission expires5-17-53	Address Box CC, Hobbe, New Nexise
Remarks:	Curt LIE
APPROVED	ARTESIA REPRESENTATIVE
	Title

المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع

# Jones, William V., EMNRD

From: Jones, William V., EMNRD

Sent: Monday, June 02, 2008 1:10 PM

To: 'Ann Ritchie'

Cc: Guye, Gerry, EMNRD; Swazo, Sonny, EMNRD

Subject: RE: SWD application on behalf of Melrose Operating: Guajalote #2 30-015-24930 Injection from 2275 to 2820 (see R-7975)

Hello Ann: Just to keep you informed. I have not heard anything from Melrose concerning this.

Regards,

William V. Jones PE New Mexico Oil Conservation Division 1220 South St. Francis Santa Fe, NM 87505 505-476-3448

Covel 4/21/08

From: Ann Ritchie [mailto:ann.ritchie@wtor.net]
Sent: Tuesday, April 22, 2008 6:42 AM
To: Jones, William V., EMNRD
Subject: Re: SWD application on behalf of Melrose Operating: Guajalote #2 30-015-24930 Injection from 2275 to 2820 (see R-7975)

Mr. Jones,

I have forwarded your e-mail & called Tony Beilman, the engineer for Melrose. I will let you know as soon as I hear back from him and hopefully can give you a definitve timetable. I do know that the Melrose - Oklahoma City office is "feverishly" working on getting all the bonds in place so that they are in compliance.

Thank you, Ann Ritchie WEST TEXAS OIL REPORTS P.O. Box 953 Midland, TX 79702 ann.ritchie@wtor.net 432 684-6381;682-1458-fax

----- Original Message -----From: Jones, William V., EMNRD To: Ann Ritchie Cc: Ezeanyim, Richard, EMNRD ; Warnell, Terry G, EMNRD ; Macquesten, Gail, EMNRD ; Sanchez, Daniel J., EMNRD Sent: Monday, April 21, 2008 8:38 PM Subject: SWD application on behalf of Melrose Operating: Guajalote #2 30-015-24930 Injection from 2275 to 2820 (see R-7975)

Hello Ms. Ritchie: After reviewing this application, I have the following questions and requests:

1) Please notice the State Land Office and Ameristate Exploration, LLC with a copy of this application and send us a copy of the certified receipts.

2) For the proposed injection well, send a more detailed wellbore diagram showing all casing, cement in place, and injection tubing with packer.

3) What is the depth to the top of the San Andres in this area? Will injection be also into the top of the San Andres?

4) Why was "WFX" checked on the application instead of SWD?

5) Apparently this is a re-activation of the SWD permitted by the Division in Order No. R-7975 on 7/9/85. I could not find a discussion in the case file of the reasons this well was permitted for injection in these intervals with the existance of the three sparsely plugged wells nearby. Please have an engineer or geologist give an explanation of why this well should be re-activated without the need to re-plug at least one of these wells (30-015-03567). Was this discussed at the hearing in 1985? Include a discussion on the productivity of the Seven Rivers in this area and list who is the nearest operator in the 7 Rivers. If close by, please notify this operator. If this well is permitted for injection, it may be necessary to limit any future injection pressure increases to prevent any migration of injected fluids out of zone. Depending on the answers to this issue, we may deny this application or require this issue to be presented at an examiner hearing, or issue a conditional permit, requiring well repairs.

6) Melrose Operating Company (OGRID No. 184860) is not currently in compliance with Rule 40 (both Inactive wells and Financial Assurance).

Please continue to gather answers to these questions so this permit can be evaluated - but, as you know, the Engineering Bureau cannot release the permit until Rule 40 is OK.

Considering all this, let me know Melrose' timetable?

Thank You,

William V. Jones PE New Mexico Oil Conservation Division 1220 South St. Francis Santa Fe, NM 87505 505-476-3448

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RECEIVED

June 12, 2008

# 2008 JUN 13 RM 9 14

Mr. William V. Jones Oil Conservation Division 1220 S. St. Francis Drive Santa Fe, New Mexico 87505

### (HAND DELIVERED)

'n

Re: Form C-108 Application Melrose Operating Company Guajalote State No. 2 API No. 30-015-24930 660' FSL & 1980' FEL (Unit O) Section 5, T-19S, R-29E, NMPM Eddy County, New Mexico

Dear Mr. Jones,

Pursuant to your E-mail request dated April 21, 2008, Melrose Operating Company is submitting the following additional data necessary for approval to re-activate the Guajalote State Well No. 2 as a disposal well.

Item No. 1-The Form C-108 has been sent, certified mail, to the New Mexico State Land Office and to Ameristate Exploration, LLC. Enclosed are copies of the certified mail receipts.

Item No. 2-Enclosed is a wellbore schematic diagram for the Guajalote State Well No. 2 showing all pertinent well data.

Item No. 3-The top of the San Andres within the Guajalote State Well No. 2, as identified in the well file, is at 2,350'. Injection into this well will be into the Grayburg (Top-2,099') and San Andres formations.

Item No. 4-WFX was inadvertently checked on the application instead of SWD. This well was originally permitted as an SWD well in 1985, and will continue to maintain that classification if this application is approved.

Item No. 5-Melrose has examined the hearing transcript in Case No. 8617. The Examiner at that proceeding, Mr. Gilbert Quintana, did not ask the applicant any questions regarding the area of review wells. Additionally, Order No. R-7975 dated July 9, 1985, did not contain any requirements to repair or re-plug any area of review wells. Melrose can only assume that the Division did not have any concerns at that time about the PA'd area of review wells.

Enclosed please find revised wellbore schematics for the following wells:

Melrose Operating Company Supplemental Information Form C-108, Guajalote State No. 2 Page 2

Lubbock Machine Co., Inc. Continental State No. 1 (API No. 30-015-03562) G-5-19S-29E Stanley L. Jones Continental Delaware No. 1 (API No. 30-015-03567) C-8-19S-29E Miller Brothers Oil Co. Jones & Watkins St. No. 1 (API No. 30-015-03563) F-5-19S-29E

With regards to the Continental State No. 1 and the Jones & Watkins State No. 1, it is the opinion of Melrose Operating Company that these wells are effectively isolated from the injection interval by casing and cement, and that these well will not provide a conduit for the migration of fluids from the injection zone.

With regards to the Continental Delaware No. 1, it appears that this well is effectively plugged from the base of the salt section (820') to the surface. It appears that there are no cement plugs or casing, below 820'. The Yates, Seven Rivers, Queen, Grayburg and San Andres formations are all open from 820' to 3,045' (T.D.). It is the opinion of Melrose Operating Company that it is not necessary to re-enter and re-plug this well for the following reasons:

- a. The East Millman Yates-Seven Rivers-Queen-Grayburg-San Andres Pool, which is located to the southwest of the subject well, is produced as a single common source of supply. As a result, the Yates and Seven Rivers formations are already exposed to waterflood injection operations that are occurring into the Queen, Grayburg and San Andres intervals in that pool.
- b. The Turkey Track Seven Rivers-Queen-Grayburg-San Andres Pool, which is located to the east and southeast of the subject well, is also produced as a single common source of supply.
- c. The West Turkey Track Pool, which comprised the SW/4 NW/4, SW/4 NE/4, NE/4 SW/4 and the NW/4 SE/4 of Section 5, T-19S, R-29E was abandoned by the Division several years ago (presumably after production ceased). An examination of well records in Section 5 shows that the producing formation was the Grayburg-San Andres.
- d. The Guajalote State No. 2, which is located in Unit O of Section 5, T-19S, R-29E, is not located within an existing oil and gas pool producing from the Yates, Seven Rivers, Queen, Grayburg or San Andres intervals. This presumably non-productive area is situated between the East Millman Yates-Seven Rivers-Queen-Grayburg-San Andres Pool and the Turkey Track Seven Rivers-Queen-Grayburg-San Andres Pools.
- e. Melrose Operating Company has examined the well records of wells within the 9section area surrounding Section 5, T-19S, R-29E. All of the wells within this area, with the exception of the Bold Energy TDC 8 State Well No. 2, located in Unit E of Section 8, T-19S, R-29E, are completed in and producing from deeper Queen, Grayburg and San Andres horizons. The TDC 8 State No. 2 was perforated in the

Seven Rivers formation from 1,222'-1,244'. The well was tested in this interval, but the well file contains no test data. The well was subsequently perforated from 2,614'-2,624' in the Grayburg-San Andres interval. 2007 production data for this well shows that the well's water production averaged just 69 barrels of water per day. This evidence demonstrates that the Seven Rivers formation, which is open in this well, has not been charged up by 20+ years of injection into the Guajalote State No. 2. It also demonstrates that it is unlikely that injected fluid is migrating to other formations via plugged and abandoned wells within the area of review.

- f. It appears that neither the Yates or Seven Rivers formations are productive within this area, as evidenced by the lack of well completions.
- g. Bold Energy, LP, the operator of the TDC 8 State No. 2, which is the only well in the 9-section area to have been completed in the Yates and/or Seven Rivers interval, was notified of this application and has not filed an objection.

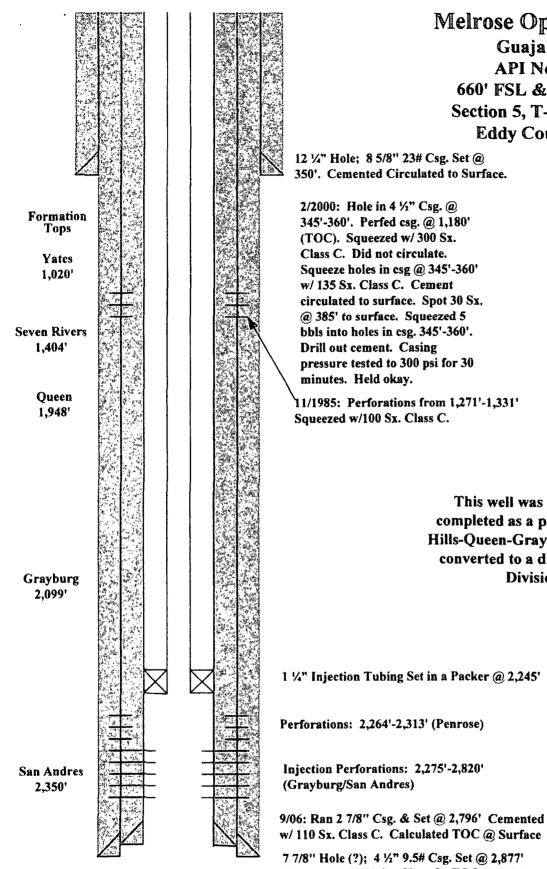
In conclusion, Melrose Operating Company requests that the Division resume its administrative review of the Form C-108 for the Guajalote State No. 2, and respectfully requests that a permit for injection be issued.

If you should have additional questions, please contact me at (214) 762-0830.

Sincerely;

Tony Beilman Engineer Melrose Operating Company

CONTRACTOR CONTRACTOR CERTIFIED MAIL, RECEIPT 5772 (Domestie Mail Only No Instrume a Covering Provided) For delivery information viaitour waballoal www.eps.com AUSTINITX 7870) C S 1.00 /ħ. ŀľ 2494 ler : \$4.80 s 059 Postage STAT Certified Fee \$2.70 1000 Return Receipt Fea (Endorsement Required) JUN #9 2008 \$2.20 œ Restricted Delivery Fee (Endorsement Required) \$0.00 3020 \$9.70 06/00/0000 Total Postage & Fees \$ Sent To 7007 neri star slora Street, Apt. No.; or PO Box No. // ORTHIS AUR 2700 City, Stato, ZIP+4 Texas 78701 Austin P36am LID. Adque 2005 Steller of the total and the state of the st U.S. Postal Service CERTIFIED MAIL RECEIPT (Domestie (1111) Only (No (Derroneo Coverge Provided)) ហ 575 Fordstrayinonallowellengerousies SANTA FE IM 87501 1: ł ŀ 4945 \$4.80 AC S s Postage Certified Foo \$2.70 1000 JUN -9 2008 Return Receipt Foo (Endorsoment Required) \$2,20 00 Restricted Delivery Fee (Endorsement Regulated) 7 \$0.00 3020 **J**RB \$9.70 06 \$ Total Postage & Fees Sent Land Office 7007 Street, Apr No.: 310 Old Sonta Fe Trainer Day No.: 310 Old Sonta Fe Trainer City, State, ZIP+ 4 Santa Fe, NM 87501 6 Bandarowando ASPAN IN AND AND THE

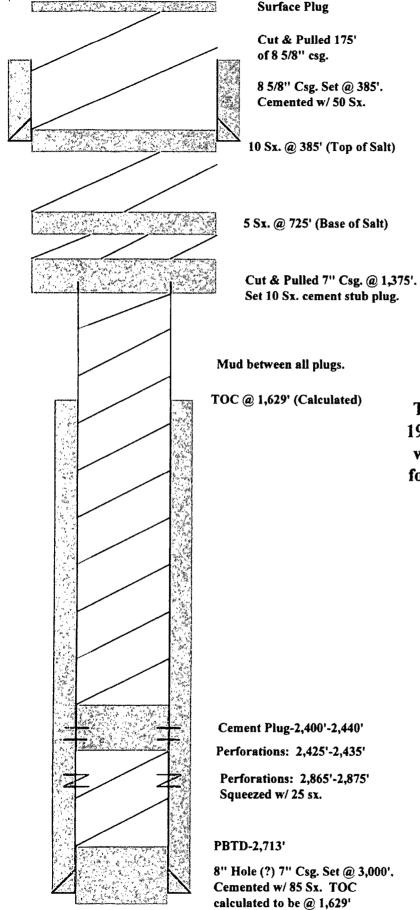


T.D. 2,877'

**Melrose Operating Company** Guajalote State No. 2 API No. 30-015-24930 660' FSL & 1980' FEL (Unit O) Section 5, T-19S, R-29E, NMPM, **Eddy County, New Mexico** 

This well was originally drilled in 1984 and completed as a producing well in the South Loco Hills-Queen-Grayburg-San Andres Pool. Well was converted to a disposal well in 1985 pursuant to Division Order No. R-7975.

Cemented w/ 400 Sx. Class C. TOC @ 1180'

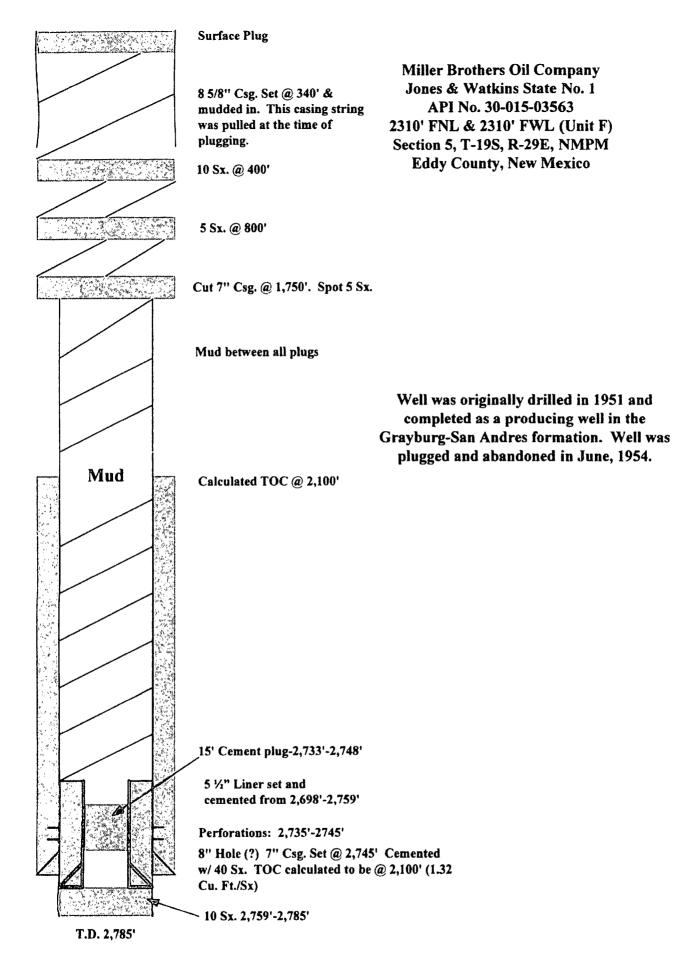


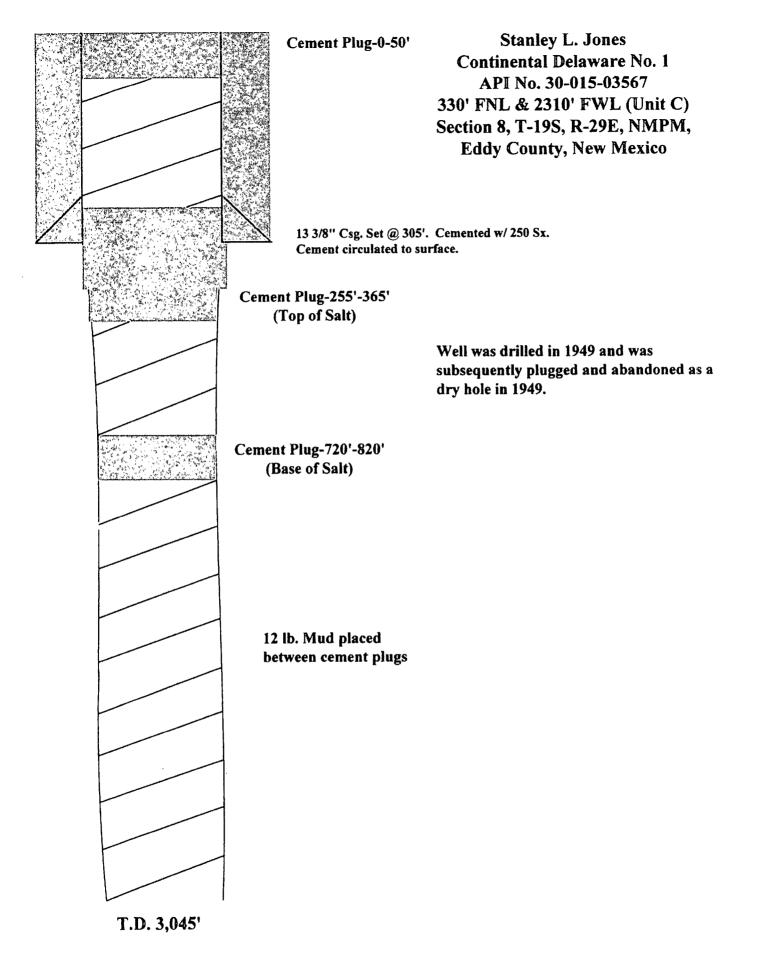
T.D. 3007'

Lubbock Machine Co., Inc. Continental State No. 1 API No. 30-015-03562 2310' FNL & 2310' FEL (Unit G) Section 5, T-19S, R-29E, NMPM, Eddy County, New Mexico

This well was originally drilled in 1951 and completed as a producing

well in the Grayburg-San Andres formations. Well was plugged and abandoned in April, 1954.





# Inactive Well List

# Total Well Count: 460 Inactive Well Count: 1 Since: 3/31/2007

	Printed On: Monday, June 23 2008											
District	API	Well	ULSTR	OCD Unit	OGRID	Operator	Lease Type	Well Type	Last Production	Formation/Notes	Status	TA Exp Date
2	30-015-02049	STATE E 1288 #081	G-27-18S-28E	G	184860	MELROSE OPERATING COMPANY	S	0	01/2005			

WHERE Ogrid:184860, County:All, District:All, Township:All, Range:All, Section:All, Production(months):15, Excludes Wells Under ACOI, Excludes Wells in Approved TA Period

Injection Permit Checklist 2/8/07 D Order Number Dates: Division Approved \_\_\_\_\_ District Approved COMPLIANCE Well Name/Num: GUAJALOTE STOR # 2 \_\_\_\_\_Date Spudded: 7[-23 84 API Num: (30-) 05-24930 County: EDDY Operator Name: <u>McDruse OFERETINE COMPANY</u> Contact <u>ANN</u> <u>RIEHIE</u> <del>BNY</del> BEILMAN Operator Address: <u>PO BOX 953, MIDLAND, TX, 79702</u> <u>Current Status of Well: ST Swill</u> <u>Planned Work: <u>REATE</u> <u>ACTIVATE</u> Inj. Tubing Size: 149 275</u> Footages 660 FSL/1980 FEL Sec 5 TSp 19 S Rge 29E E. Hole/Pipe Sizes Top/Method Depths, Cement 85/8 リチ O CKID-350 Surface CIRC ASSUR, Calo 4 450 3360 Intermediate Production 796 10 Last DV Tool 13 SQZED w/1005X 271 **Open Hole/Liner** 85 3300 TD Plug Back Depth ß After Conversion Diagrams Included (Y/N): Before Conversion\_V LELogs in Imaging Yoz ECB Checks (Y/N): Well File Reviewed 2001 SK, 1 ork 12" Hod Problems, 50 Rm. Liner, 9/13/06 Intervals: Depths Formation Producing (Yes/No) 804 Salt/Potash Bere Capitan Reef 1948 Cliff\_House, Etc: Quer 1 2099 Or Penese Formation Above 455 PSI Max. WHIP 2275 Top Inj Interval Bottom Inj Interval 2820 Open Hole (Y/N) 1026BS Formation Below 2350 Deviated Hole (Y/N) 2634 Fresh Water: Depths:\_\_\_\_\_ Wells(Y/N) None Analysis Included (Y/N):\_\_\_\_\_ Affirmative Statement Salt Water Analysis: Injection Zone (Y/N/NA) \_\_\_\_ DispWaters (Y/N/NA) \_\_\_\_ Types: \_\_\_\_\_ Types: \_\_\_\_\_ DispWaters (Y/N/NA) \_\_\_\_\_\_ _ DispWaters (Y/N/NA) \_\_\_\_\_\_ DispWaters (Y/N/NA) \_\_\_\_\_\_\_ DispWaters (Y/N/NA) \_\_\_\_\_\_ DispWaters (Y/N/NA) \_\_\_\_\_\_\_ _ DispWaters (Y/N/NA) \_\_\_\_\_\_\_ DispWa Notice: Newspaper(Y/N) Surface Owner Mineral Owner(s) my / foce Poten Other Affected Parties: Co Phup/CH2 AOR/Repairs: NumActiveWells \_\_\_\_\_ Repairs? \_\_\_\_ \_\_\_\_ Producing in Injection Interval in AOR AOR Num of P&A Wells \_\_\_\_\_ Repairs? \_\_\_\_\_ Diagrams Included? RBDMS Updated (Y/N) 6 2 5 UIC Form Completed (Y/N) Well Table Adequate (Y/N) \_\_\_\_ AOR STRs: Sec\_ Tsp\_ Rge Х New AOR Table Filename Sec This Form completed Tsp Rge Conditions of Approval: Sec Tsp Rge Data Request Sent 510. More Volulel WBD. 5008 = 15/2 NW14 Ses 5014 Ser. AOR Required Work: \_ SPX Roz ŝ NZ SI Required Work to this Well: neart 2/27/2008/1:44 PM Page 1 of SWD Checklist.xls/List 7RV BS AMERISTON EXPICILLO