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SWP

APPNO. PAXK1319353 400

ABOVE THIS LINE FOR DIVISION USE ONLY

#### NEW MEXICO OIL CONSERVATION DIVISION

- Engineering Bureau -



# 1220 South St. Francis Drive, Santa Fe, NM 87505 ADMINISTRATIVE APPLICATION CHECKLIST THIS CHECKLIST IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE **Application Acronyms:** [NSL-Non-Standard Location] [NSP-Non-Standard Proration Unit] [SD-Simultaneous Dedication] [DHC-Downhole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling] [PC-Pool Commingling] [OLS - Off-Lease Storage] [OLM-Off-Lease Measurement] [WFX-Waterflood Expansion] [PMX-Pressure Maintenance Expansion] [SWD-Salt Water Disposal] [IPI-Injection Pressure Increase] [EOR-Qualified Enhanced Oil Recovery Certification] [PPR-Positive Production Response] **TYPE OF APPLICATION** - Check Those Which Apply for [A] 30-025-37930 [1] Tackend 2 state #/ Location - Spacing Unit - Simultaneous Dedication NSL NSP SD Check One Only for [B] or [C] Commingling - Storage - Measurement [B] $\square$ DHČ $\square$ CTB $\square$ PLC $\square$ PC $\square$ OLS $\square$ OLM Injection - Disposal - Pressure Increase - Enhanced Oil Recovery [C] □ WFX □ PMX 🕱 SWD □ IPI □ EOR □ PPR [D] Other: Specify

NOTIFICATION REQUIRED TO: - Check Those Which Apply, or Does Not Apply [2] Working, Royalty or Overriding Royalty Interest Owners [A] [B] Offset Operators, Leaseholders or Surface Owner Application is One Which Requires Published Legal Notice [C] [D] Notification and/or Concurrent Approval by BLM or SLO U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office For all of the above, Proof of Notification or Publication is Attached, and/or, [E] [F] Waivers are Attached SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE [3]

OF APPLICATION INDICATED ABOVE.

CERTIFICATION: I hereby certify that the information submitted with this application for administrative [4] approval is accurate and complete to the best of my knowledge. I also understand that no action will be taken on this application until the required information and notifications are submitted to the Division.

Note: Statement must be completed by an individual with managerial and/or supervisory capacity.

Vickie Smith Print or Type Name	Signature Signature	Leime	Regulator	y amelyst	<u>し-5-13</u>
	C			texpetro.com	

e-mail Address

STATE OF NEW MEXICO ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

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

FORM C-108 Revised June 10, 2003

# **APPLICATION FOR AUTHORIZATION TO INJECT**

Ι.	PURPOSE: Secondary Recovery Pressure Maintenance X Disposal Storage Application qualifies for administrative approval? X Yes No
II.	OPERATOR:Texland Petreoleum-Hobbs, LLC
	ADDRESS:777 Main Street, Suite 3200, Fort Worth, Texas 73102
	CONTACT PARTY: Vickie Smith and Greg Mendenhall PHONE: 575-397-7450
III.	WELL DATA: Complete the data required on the reverse side of this form for each well proposed for injection.  Additional sheets may be attached if necessary.
IV.	Is this an expansion of an existing project? Yes X_No  If yes, give the Division order number authorizing the project:
V.	Attach a map that identifies all wells and leases within two miles of any proposed injection well with a one-half mile radius circle drawn around each proposed injection well. This circle identifies the well's area of review.
VI.	Attach a tabulation of data on all wells of public record within the area of review which penetrate the proposed injection zone. Such data shall include a description of each well's type, construction, date drilled, location, depth, record of completion, and a schematic of any plugged well illustrating all plugging detail.
VII.	Attach data on the proposed operation, including:
	<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:Vickie SmithTITLE:Regulatory Analyst
	SIGNATURE: DATE: 6/13/13
*	E-MAIL ADDRESS:vsmith@texpetro.com If the information required under Sections VI, VIII, X, and XI above has been previously submitted, it need not be resubmitted. Please show the date and circumstances of the earlier submittal:

#### III. WELL DATA

- A. The following well data must be submitted for each injection well covered by this application. The data must be both in tabular and schematic form and shall include:
  - (1) Lease name; Well No.; Location by Section, Township and Range; and footage location within the section.
  - (2) Each casing string used with its size, setting depth, sacks of cement used, hole size, top of cement, and how such top was determined.
  - (3) A description of the tubing to be used including its size, lining material, and setting depth.
  - (4) The name, model, and setting depth of the packer used or a description of any other seal system or assembly used.

Division District Offices have supplies of Well Data Sheets which may be used or which may be used as models for this purpose. Applicants for several identical wells may submit a "typical data sheet" rather than submitting the data for each well.

- B. The following must be submitted for each injection well covered by this application. All items must be addressed for the initial well. Responses for additional wells need be shown only when different. Information shown on schematics need not be repeated.
  - (1) The name of the injection formation and, if applicable, the field or pool name.
  - (2) The injection interval and whether it is perforated or open-hole.
  - (3) State if the well was drilled for injection or, if not, the original purpose of the well.
  - (4) Give the depths of any other perforated intervals and detail on the sacks of cement or bridge plugs used to seal off such perforations.
  - (5) Give the depth to and the name of the next higher and next lower oil or gas zone in the area of the well, if any.

#### XIV. PROOF OF NOTICE

All applicants must furnish proof that a copy of the application has been furnished, by certified or registered mail, to the owner of the surface of the land on which the well is to be located and to each leasehold operator within one-half mile of the well location.

Where an application is subject to administrative approval, a proof of publication must be submitted. Such proof shall consist of a copy of the legal advertisement which was published in the county in which the well is located. The contents of such advertisement must include:

- (1) The name, address, phone number, and contact party for the applicant;
- (2) The intended purpose of the injection well; with the exact location of single wells or the Section, Township, and Range location of multiple wells;
- (3) The formation name and depth with expected maximum injection rates and pressures; and,
- (4) A notation that interested parties must file objections or requests for hearing with the Oil Conservation Division, 1220 South St. Francis Dr., Santa Fe, New Mexico 87505, within 15 days.

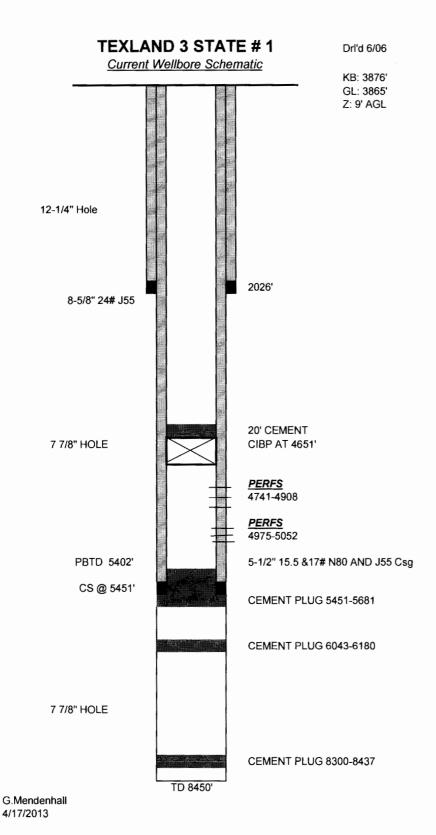
NO ACTION WILL BE TAKEN ON THE APPLICATION UNTIL PROPER PROOF OF NOTICE HAS BEEN SUBMITTED.

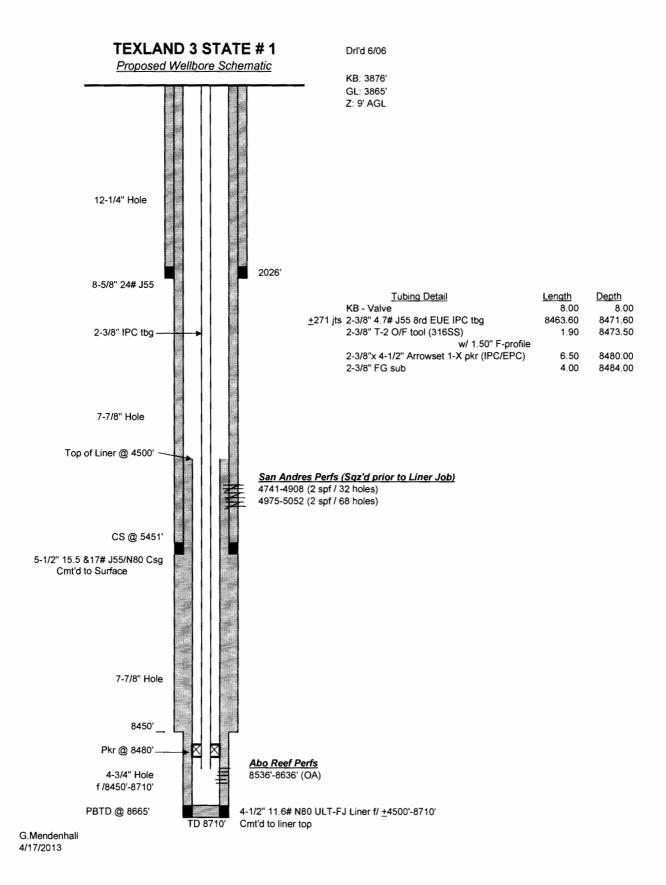
# INJECTION WELL DATA SHEET

FO	_990' FSL & 2310' FEL OTAGE LOCATION	O	3	17S	36E
WELLBORE	OTAGE LOCATION	UNIT LETTER	SECTION		RANGE
	<u>SCHEMATIC</u>		WELL Consumation Surface	ONSTRUCTION DATA Casing	<u>4</u>
		Hole Size:12	/4"	Casing Size:8 5/	8"
		Cemented with:8	375sx.	or	ft
		Top of Cement:	surface	Method Determined	circ
			<u>Intermedia</u>	ite Casing	
		Hole Size:7 7/	8"	Casing Size:5 ½	′2", 15.5 <b>&amp;</b> 17#_
		Cemented with:	750sx.	or	ft
		Top of Cement:su	rface	Method Determined	circ
			Production	n Casing	
		Hole Size:4	y <sub>4</sub> "	Casing Size:_4 ½" 1	1.6# liner
		Cemented with:	895 sx.	or	ft <sup>2</sup>
		Top of Cement:lin	ner top	Method Determined	circ or CBL
		Total Depth:	8710'		
			<u>Injection</u>	Interval	
			9526' for	et to 8636'	

# **INJECTION WELL DATA SHEET**

Tul	bing Size:2 3/8"Lining Material:internal plastic coating
T	ype of Packer:2 3/8" x 5 ½" Arrow Set pkr
Pac	eker Setting Depth: _8480'
Oth	ner Type of Tubing/Casing Seal (if applicable):
	Additional Data
1.	Is this a new well drilled for injection?YesXNo
	If no, for what purpose was the well originally drilled?
	oil producer
2.	Name of the Injection Formation:ABO Reef
3.	Name of Field or Pool (if applicable):Lovington, Upper San Andres, West
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.
	_Yes, 4741-5052', will be squeezed prior to installation of the liner (see proposed schematic)_
5.	Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area:none





#### State of New Mexico

DISTRICT I 1625 N. PRENCH DR., MOSBS, NM 88240 Energy, Minerals and Natural Resources Department

DISTRICT II 1801 W. GRAND AVENUE, ARTHSIA, NW 66210 OIL CONSERVATION DIVISION 1220 SOUTH ST. FRANCIS DR. Santa Fe, New Mexico 87505

Form C-102 Revised October 12, 2005 Submit to Appropriate District Office State Lease - 4 Copies Pee Lease - 3 Copies

06.11/0888

12641

Certificate No. GARY RIDSON

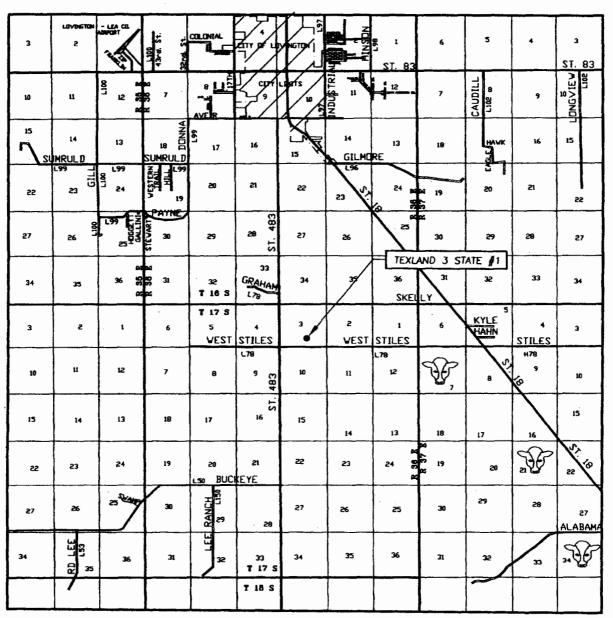
A Octobilland

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

DISTRICT IV WELL LOCATION AND ACREAGE DEDICATION PLAT C AMENDED REPORT 1220 S. ST. FRANCIS DR., SANTA PR. NM 87605 Pool Name Pool Code API Number 30-025- 37930 Lovington Drinkard Property Code 35745 Property Name Well Number TEXLAND 3 STATE 1 Operator Name Elevation OGRID No. TEXLAND PETROLEUM-HOBBS, LLC 3865 113315 Surface Location Feet from the North/South line East/West line Lot ldn Peet from the UL or lot No. Section Township Range County 2315316 990 SOUTH **EAST** 0 3 17-S 36-E LEA Bottom Hole Location If Different From Surface North/South line UL or lot No. Section Township Lot idn Feet from the Feet from the East/West line County Consolidation Code Joint or Infill Dedicated Acres Order No. 40 NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION LOT 4 LOT 3 LOT 1 OPERATOR CERTIFICATION I hereby certify that the information herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling arder heretofore entered by the division. 39.37 AC 39.42 AC 39.42 AC 39.52 AC Jakie Smith 6/6/06 Signature Date Vickie Smith Printed Name SURVEYOR CERTIFICATION I bereby certify that the well location abown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. GEODETIC COORDINATES NAD 27 NME Y=677805.2 N X=804771.7 E Date Surveyed
Signature & Seal of
Professional Surveyor MAY 26, 2006 LAT.=32'51'33.96" N LONG.=103'20'27.00" W MR 2310 Texland et al

VO+7377

# VICINITY MAP



SCALE: 1" = 2 MILES

SEC. 3	TWP. <u>17-S</u> RGE3	6-E
SURVEY	N.M.P.M.	
COUNTY	LEA STATE NEW	MEXICO
DESCRIPTIO	N <u>990' FSL &amp; 23</u>	15' FEL
ELEVATION_	3865'	
OPERATOR_	TEXLAND PETROLEUM-HOBB	S, LLC
LEASE	TEXLAND 3 STAT	F



PROVIDING SURVEYING SERVICES
SINCE 1946
JOHN WEST SURVEYING COMPANY
412 N. DAL PASO
HOBBS, N.M. 88240
(505) 393-3117



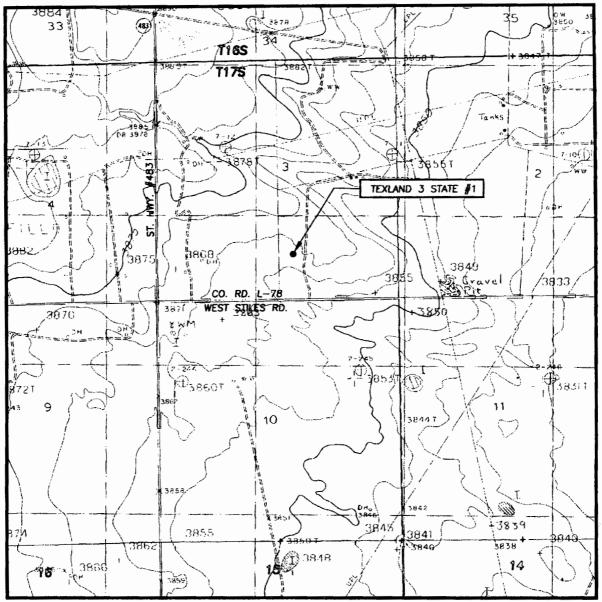
LEA CO		60	00'							
!					1					
		OFF	NORTH FSET 65.6'			s				
			_			1				
					and the second					
ا -	150' WEST	TEXLAND 3	B STATE #1	150' EAST	15					
,009	OFFSET □ 3863.8'	<i>ELEV.</i> <i>LAT.=32</i> °5	O 3865.1' 1'33.96" N '20'37.00" W	□ <i>OFFSET</i> 3865.7'	,009					
ļ					1					
		ſ	3							
ļ		OF	SOUTH FSET		İ					
		386	6 <b>4</b> .0'							
		6	00'							
DIRECTIONS TO	D LOCATION TERSECTION OF ST, HWY. #48	R3 AND	100	0 1/	200 5					
WEST STILES A	RD. (CO. RD. L—78), GO EAS RD. APPROX. O.7 MILES. TURI	T ON	100 HHHH	0 10 Scale:1"=100'	90 200 F	eet				
	TH APPROX. 0.2 MILES. THIS APPROX. 250 FEET WEST.		TEXLAND	PETROLEUM	-HOBBS,	LLC				
	PROVIDING SURVEYING SERVICES SINCE 1946		AND 2315	TEXLAND 3 STATE ; ED 990 FEET FROM THE FEET FROM THE EAST LI P 17 SOUTH, RANGE 36 LEA COUNTY, NEW ME	SOUTH LINE INE OF SECTION 3, EAST, N.M.P.M.,					
4	JOHN WEST SURVEYING COMPANY 412 N. DAL PASO			Survey Date: 05/26/06 Sheet 1 of 1 Sheets						
	HOBBS, N.M. 88240 (505) 383-3117	)	W.O. Number: 06		R. Rev 1:N/					

06110888

Scale: 1 "= 100"

Date: 05/31/06 Disk: CD#6

# LOCATION VERIFICATION MAP



SCALE: 1" = 2000'

CONTOUR INTERVAL: LOVINGTON SE, N.M. - 5'

SEC. 3 TWP. 17-S RGE. 36-E

SURVEY N.M.P.M.

COUNTY LEA STATE NEW MEXICO

DESCRIPTION 990' FSL & 2315' FEL

ELEVATION 3865'

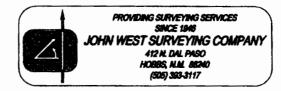
TEXLAND

OPERATOR PETROLEUM-HOBBS, LLC

LEASE TEXLAND 3 STATE

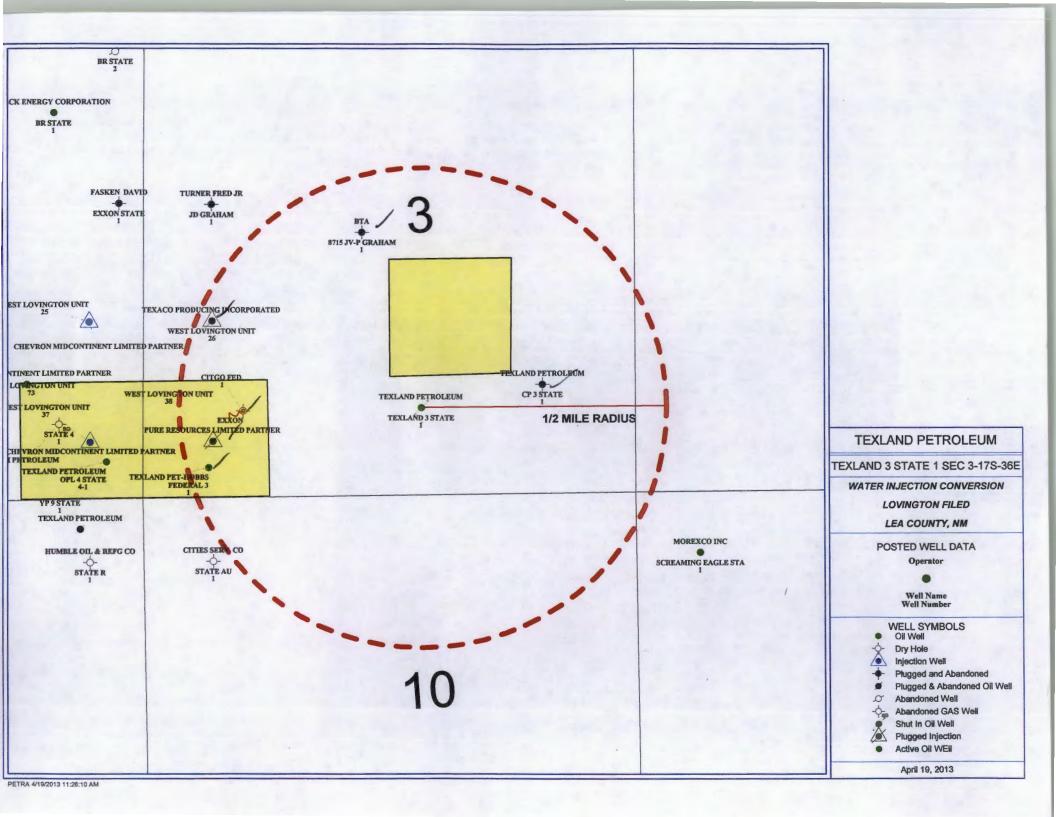
U.S.G.S. TOPOGRAPHIC MAP

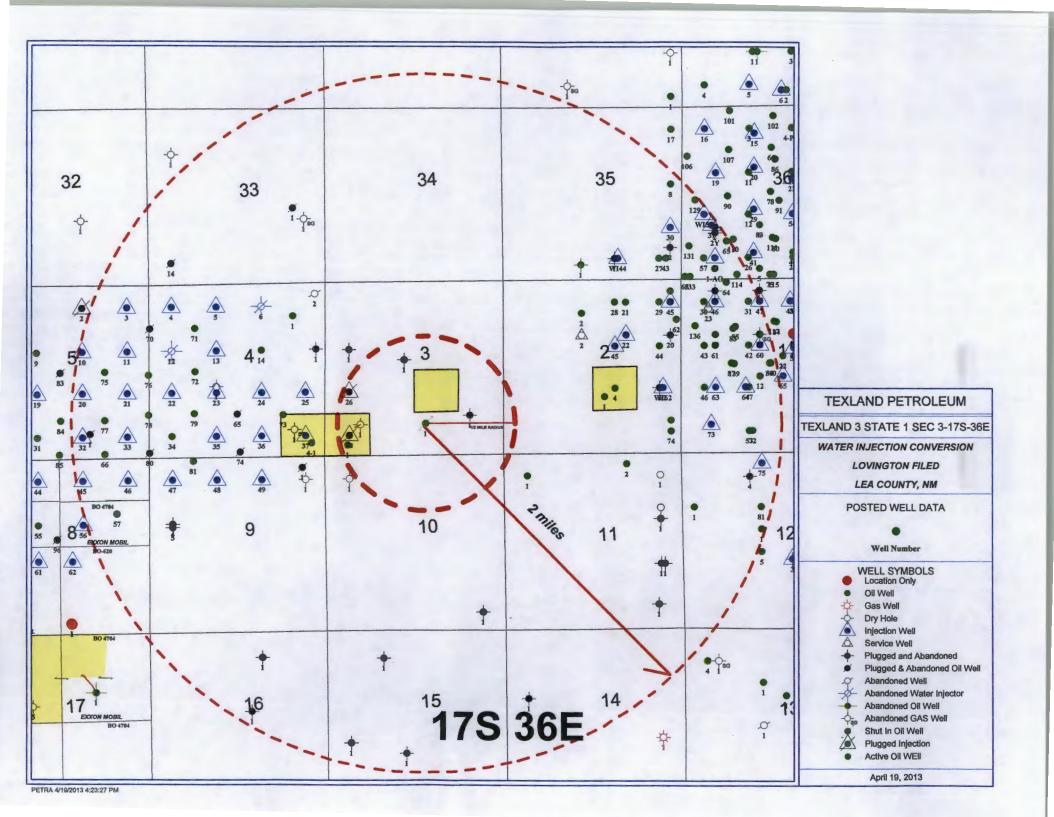
LOVINGTON SE, N.M.



ATTACHMENT TO FORM C-108

V.





# ATTACHMENT TO FORM C-108 VII., VIII., IX., X., XI., XII.

# VII. Proposed Operation

- 1. Average BWIPD = 2500 / Maximum BWIPD = 4300/ Volume = 7.5 MMBW
- 2. The system will be closed
- 3. Average Injection Pressure = 2100 psi
  Maximum Injection Pressure = 2500 psi

  O-2 × 8536' = 1707 psi

  at surface
- 4. Rejected ABO produced water
- 5. See attachment for disposal zone information water Chemical Analysis

#### VIII. Geological Data

The ABO formation will be the injection zone in this well. The ABO mainly consists of porous and permeable dolomite and is approximately 750 feein thickness at this location. The depth at the top of the ABO is estimated to be 8540 feet.

The Ogallala formation, a possible source of drinking water, overlies the injection zone with the base of the interval at 180 feet. No known sources of drinking water underlie the injection interval. (Bryan Lee – Geologist)

# IX. Stimulation Program

Stimulation = 7500 gals 15% HCL acid w/additive

# X. Logging and Test Data

Logs and test data have already been filed with the Division.

# XI. Fresh Water Sample Analysis

Please find attached two Chmical Analysis of fresh water from two fresh water wells within one mile of the injection well.

# XII. Affirmative Statement

An examination of available geologic and engineering data was made, and there is no indication of hydrologic connection between the injection zone and any underground source of drinking water. (Bryan Lee – Geologist)



June 13, 2013

RONNIE MC CRACKEN
TEXLAND PETROLEUM
P.O. BOX 239
SEMINOLE, TX 79360

RE: BASELINE ANA.

Enclosed are the results of analyses for samples received by the laboratory on 06/07/13 14:02.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-11-3. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at <a href="https://www.tceq.texas.gov/field/ga/lab\_accred\_certif.html">www.tceq.texas.gov/field/ga/lab\_accred\_certif.html</a>.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2

Haloacetic Acids (HAA-5)

Method EPA 524.2

Total Trihalomethanes (TTHM)

Method EPA 524.4

Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

Celey D. Keene

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

# Analytical Results For:

TEXLAND PETROLEUM

P.O. BOX 239

SEMINOLE TX, 79360

Project: BASELINE ANA.

Project Number: NONE GIVEN

Project Manager: RONNIE MC CRACKEN

Fax To: (432) 596-4235

Reported:

13-Jun-13 15:59

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
OPL4 STATE 1	H301322-01	Wastewater	07-Jun-13 13:30	07-Jun-13 14:02
WINDMILL #1	H301322-02	Water	07-Jun-13 13:15	07-Jun-13 14:02
USGS 3251461032043	01 (NH301322-03	Water	07-Jun-13 13:45	07-Jun-13 14:02

Cardinal Laboratories \*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thiny (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claims is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report vall in to the reproduced except in full with written approval of Cardinal Laboratories.

Celeg & Keine

Reported:

13-Jun-13 15:59



# Analytical Results For:

TEXLAND PETROLEUM

P.O. BOX 239

SEMINOLE TX, 79360

Project: BASELINE ANA.

Project Number: NONE GIVEN

Project Manager: RONNIE MC CRACKEN

Fax To: (432) 596-4235

\_\_\_\_\_

# OPL4 STATE 1 H301322-01 (Wastewater)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
		Cardina	ıl Laborat	ories					
Inorganic Compounds									
Alkalinity, Bicarbonate	1390	5.00	mg/L	1	3053104	AP	07-Jun-13	310.1	
Alkalinity, Carbonate	ND	0.00	mg/L	t	3053104	AP	07-Jun-13	310.1	
Chloride*	23400	4.00	mg/L	1	3061203	DW	13-Jun-13	4500-CI-B	
Conductivity*	52500	1.00	uS/cm	1	3061007	DW	10-Jun-13	120.1	
pH*	6.93	0.100	pH Units	1	3061006	DW	10-Jun-13	150.1	
Sulfate	3120	500	mg/L	50	3061303	AP	13-Jun-13	375.4	
TDS*	44600	5.00	mg/L	l	3060611	AP	13-Jun-13	160.1	
Alkalinity, Total*	1140	4.00	mg/L	1	3053104	AP	07-Jun-13	310.1	
		Green Analy	ytical Labo	oratories					
Dissolved Metals by ICP									
Calcium*	1780	100	mg/L	100	B306067	JGS	13-Jun-13	EPA200.7	
Magnesium*	407	100	mg/L	100	B306067	JGS	13-Jun-13	EPA200.7	
Potassium*	320	100	mg/L	100	B306067	JGS	13-Jun-13	EPA200.7	
Sodium*	13000	100	mg/L	100	B306067	JGS	13-Jun-13	EPA200.7	

Cardinal Laboratories \*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claims is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

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TEXLAND PETROLEUM

P.O. BOX 239

SEMINOLE TX, 79360

Project: BASELINE ANA.

Project Number: NONE GIVEN
Project Manager: RONNIE MC CRACKEN

Fax To: (432) 596-4235

Reported: 13-Jun-13 15:59

# WINDMILL#1 H301322-02 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
		Cardina	al Laborat	ories					
Inorganic Compounds									
Alkalinity, Bicarbonate	205	5.00	mg/L	1	3053104	AP	07-Jun-13	310.1	
Alkalinity, Carbonate	ND	0.00	mg/L	i	3053104	AP	07-Jun-13	310.1	
Chloride*	20.0	4.00	mg/L	1	3061203	DW	13-Jun-13	4500-Cl-B	
Conductivity*	455	1.00	uS/cm	1	3061007	DW	10-Jun-13	120.1	
рН*	7.54	0.100	pH Units	1	3061006	DW	10-Jun-13	150.1	
Sulfate	79.3	10.0	mg/L	i	3061303	AP	13-Jun-13	375.4	
TDS*	369	5.00	mg/L	1	3060611	AP	13-Jun-13	160.1	
Alkalinity, Total*	168	4.00	mg/L	1	3053104	AP	07-Jun-13	310.1	
		Green Anal	vtical Lah	oratories					
		G. CEM / KINGI	, i.e.i. Ent.						
Dissolved Metals by ICP							·····		
Calcium*	69.8	1.00	mg/L	1	B306067	JGS	13-Jun-13	EPA200.7	
Magnesium*	10.5	1.00	mg/L	1	B306067	JGS	13-Jun-13	EPA200.7	
Potassium*	2.30	1.00	mg/L	1	B306067	JGS	13-Jun-13	EPA200,7	
Sodium*	37.8	1.00	mg/L	1	B306067	JGS	13-Jun-13	EPA200.7	

Cardinal Laboratories \*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

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Project: BASELINE ANA.

Project Number: NONE GIVEN

Project Manager: RONNIE MC CRACKEN

Fax To: (432) 596-4235

Reported: 13-Jun-13 15:59

# USGS 325146103204301 (N FED DRAW)

#### H301322-03 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
		Cardina	ıl Laborato	ories					
Inorganic Compounds									
Alkalinity, Bicarbonate	224	5.00	mg/L	I	3053104	AP	07-Jun-13	310.1	
Alkalinity, Carbonate	ND	0.00	mg/L	1	3053104	AP	07-Jun-13	310.1	
Chloride*	192	4.00	mg/L	1	3061203	DW	13-Jun-13	4500-CI-B	
Conductivity*	961	1.00	uS/cm	1	3061007	DW	10-Jun-13	120.1	
pH*	7.26	0.100	pH Units	1	3061006	DW	10-Jun-13	150.1	
Sulfate	86.0	25.0	mg/L	2.5	3061303	AP	13-Jun-13	375.4	
TDS*	675	5.00	mg/L	t	3060611	AP	13-Jun-13	160.1	
Alkalinity, Total*	184	4.00	mg/L	l	3053104	AP	07-Jun-13	310.1	
		Green Analy	ytical Labo	oratories					
Dissolved Metals by ICP									
Calcium*	147	1.00	mg/L	1	B306067	JGS	13-Jun-13	EPA200.7	
Magnesium*	18.7	1.00	mg/L	1	B306067	JGS	13-Jun-13	EPA200.7	
Potassium*	3.20	1.00	mg/L	1	B306067	JGS	13-Jun-13	EPA200.7	
Sodium*	45.2	1.00	mg/L	1	B306067	JGS	13-Jun-13	EPA200.7	

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keine



TEXLAND PETROLEUM

Project: BASELINE ANA.

Reported:

P.O. BOX 239

Project Number: NONE GIVEN

13-Jun-13 15:59

SEMINOLE TX, 79360

Project Manager: RONNIE MC CRACKEN

Fax To: (432) 596-4235

# **Inorganic Compounds - Quality Control**

#### **Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 3053104 - General Prep - Wet C	hem				_					
Blank (3053104-BLK1)				Prepared &	: Analyzed:	31-May-13				
Alkalinity, Carbonate	ND	0.00	mg/L							
Alkalinity, Bicarbonate	ND	5.00	mg/L							
Alkalinity, Total	ND	4.00	mg/L							
LCS (3053104-BS1)				Prepared &	Analyzed:	31-May-13				
Alkalinity, Carbonate	ND	0.00	mg/L				80-120			
Alkalinity, Bicarbonate	142	5.00	mg/L				80-120			
Alkalinity, Total	116	4.00	mg/L	100		116	80-120			
CS Dup (3053104-BSD1)				Prepared &	Analyzed:	31-May-13	i			
Alkalinity, Carbonate	ND	0.00	nig/L				80-120		20	
Alkalinity, Bicarbonate	142	5.00	mg/L				80-120	0.00	20	
Alkalinity, Total	116	4.00	mg/L	100		116	80-120	0.00	20	
Batch 3060611 - Filtration										
Blank (3060611-BLK1)				Prepared: 0	6-Jun-13 A	nalyzed: 07	-Jun-13			
TDS	ND	5.00	mg/L							
LCS (3060611-BS1)				Prepared: (	6-Jun-13 A	nalyzed: 07	-Jun-13			
TDS	240		mg/L	240		100	80-120			
Duplicate (3060611-DUP1)	Sou	rce: H301316-	-01	Prepared: 0	6-Jun-13 A	nalyzed: 07	-Jun-13			
TDS	168000	5.00	mg/L		163000			3.25	20	
Batch 3061006 - NO PREP										
LCS (3061006-BS1)				Prepared &	Analyzed:	10-Jun-13				
H	7.15		pH Units	7.00		102	90-110			

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Celeg & Keine



TEXLAND PETROLEUM

P.O. BOX 239 SEMINOLE TX, 79360 Project: BASELINE ANA.

Project Number: NONE GIVEN

Project Manager: RONNIE MC CRACKEN

Fax To: (432) 596-4235

Reported: 13-Jun-13 15:59

#### Inorganic Compounds - Quality Control

#### **Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 3061006 - NO PREP										
Duplicate (3061006-DUP1)	Sour	те: Н301322	-02	Prepared &	Analyzed:	10-Jun-13				
рН	7.55	0.100	pH Units	•	7.54			0.133	20	-
Batch 3061007 - General Prep - Wet Chem							11.2			
LCS (3061007-BS1)				Prepared &	Analyzed:	10-Jun-13				
Conductivity	455		uS/cm	500		91.0	80-120			
Duplicate (3061007-DUP1)	Sour	се: Н301322	-02	Prepared &	Analyzed:	10 <b>-J</b> un-13				
Conductivity	495	1.00	uS/cm		455			8.42	20	
Batch 3061203 - General Prep - Wet Chem										·····
Batch 3061203 - General Prep - Wet Chem Blank (3061203-BLK1)				Prepared &	Analyzed	12-Jun-13				···
	ND	4.00	mg/L	Prepared &	Analyzed	12-Jun-13				
Blank (3061203-BLK1)			mg/L	Prepared &						
Blank (3061203-BLK1) Chloride			mg/L mg/L				80-120			
Blank (3061203-BLK1) Chloride LCS (3061203-BS1)	ND	4.00		Prepared &	Analyzed	12-Jun-13 104				
Blank (3061203-BLK1)  Chloride  LCS (3061203-BS1)  Chloride	ND	4.00		Prepared &	Analyzed	12-Jun-13 104		3.77	20	
Blank (3061203-BLK1) Chloride  LCS (3061203-BS1) Chloride  LCS Dup (3061203-BSD1)	ND 104	4.00	mg/L	Prepared & 100 Prepared &	Analyzed	12-Jun-13 104 12-Jun-13	80-120	3.77	20	
Blank (3061203-BLK1) Chloride  LCS (3061203-BS1) Chloride  LCS Dup (3061203-BSD1) Chloride	ND 104	4.00	mg/L	Prepared & 100 Prepared &	Analyzed:	12-Jun-13 104 12-Jun-13 108	80-120	3.77	20	

Cardinal Laboratories \*=Accredited Analyte

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Celeg & Keine



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

## Analytical Results For:

TEXLAND PETROLEUM

P.O. BOX 239

SEMINOLE TX, 79360

Project: BASELINE ANA.

Project Number: NONE GIVEN

Project Manager: RONNIE MC CRACKEN

Fax To: (432) 596-4235

Reported: 13-Jun-13 15:59

## **Inorganic Compounds - Quality Control**

#### **Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 3061303 - General Prep - Wet Chem					***					
LCS (3061303-BS1)				Prepared &	Analyzed:	13-Jun-13				
Sulfate	17.0	10.0	mg/L	20.0		85.1	80-120			
LCS Dup (3061303-BSD1)				Prepared &	Analyzed:	13 <b>-</b> Jun-13				
Sulfate	17.0	10.0	mg/L	20.0		85.2	80-120	0.117	20	

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**TEXLAND PETROLEUM** 

Project: BASELINE ANA.

Reported: 13-Jun-13 15:59

P.O. BOX 239 SEMINOLE TX, 79360 Project Number: NONE GIVEN

Project Manager: RONNIE MC CRACKEN

Fax To: (432) 596-4235

#### Dissolved Metals by ICP - Quality Control

# **Green Analytical Laboratories**

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch B306067 - Dissolved Metals, E20	0.7/E200.8									
Blank (B306067-BLK1)				Prepared: 1	2-Jun-13 A	nalyzed: 13	3-Jun-13			
Sodium	ND	1.00	mg/L							
Potassium	ND	1.00	mg/L							
Calcium	ND	1.00	mg/L							
Magnesium	ND	1.00	mg/L							
LCS (B306067-BS1)				Prepared: 1	2-Jun-13 A	nalyzed: 12	3-Jun-13			
Potassium	10.1	1.00	nig/L	10.0		101	85-115			
Sodium	8.06	1.00	mg/L	8.10		99.5	85-115			
Calcium	5.26	1.00	mg/L	5.00		105	85-115			
Magnesium	26.6	1.00	mg/L	25.0		106	85-115			
LCS Dup (B306067-BSD1)				Prepared: 1	2-Jun-13 A	nalyzed: 13	3-Jun-13			
Sodium	8.05	1.00	mg/L	8.10		99.3	85-115	0.162	20	
Potassium	10.1	1.00	mg/L	10.0		101	85-115	0.478	20	
Calcium	5.26	1.00	mg/L	5.00		105	85-115	0.0451	20	
Magnesium	26.7	1.00	mg/L	25.0		107	85-115	0.152	20	

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Celeg Eterne



#### **Notes and Definitions**

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

\*\* Samples not received at proper temperature of 6°C or below.

\*\*\* Insufficient time to reach temperature.

Chloride by SM4500Cl-B does not require samples be received at or below 6°C

Samples reported on an as received basis (wet) unless otherwise noted on report

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# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476

Company Name	" TexLAND PETROLE	um		<b>建设/组合(0</b> )	of defined in the conformation of the conforma	ANALYSIS REQUEST	
Project Manage	II: Att! RONNIE McCA		N	P.O. #:			
Address:	0.0, BOX 239			Company:			
	nole State: TX	Zip:	79360	Attn:			
Phone #: 432	1-894-1466 Fax#:			Address:			
Project #:	Project Owne	r:		City:			
Project Name:	SH BARLI	ue /	INA.	State: Zip:	3		1
	n: Silver moon			Phone #:	4		
Sampler Name:	/) /	ر, ر		Fax #:	4		
FOR LAB USE ONLY			MATRIX	PRESERV. SAMPL	T		
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Lab I.D.	Sample I.D.	B OR	NDV EWA	.: SO 348.	Tal 1		
1201270		(G)RAB OR (C)C # CONTAINERS	GROUNDWATER WASTEWATER SOIL	OTHER: OTHER: OTHER: OTHER:	TIME		1 1 1
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Relinquished B	ing out of or related to the performance of services hereunder by	Cardinal, regi	ardiess of whether such crain	m is based upon any of the above stated r	Phone Result:  Yes  No	Add'l Phone #:	
1 / j · · ·	10/7/3	7		20 10	Fax Result: ☐ Yes ☐ No REMARKS:		
Koneld	y: Date:		Vull &				1
Relinquished B	y: Date:	Rece	ived By:	•	O HARANDON S	56@ gmail, com	
	Time:				RMCCAAGLEN		
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Sampler - UPS	- Bus - Other: 26	) 67	Cool Intact Yes UY		:	Nu OK	
		<u> </u>	- PLNOT	WO LOOM			

<sup>†</sup> Cardinal cannot accept verbal changes. Please fax written changes to (575) 393-2326

# ATTACHMENT TO FORM C-108 XIII.

# TEXLAND PETROLEUM, L.P.

EXPLORATION AND PRODUCTION 777 MAIN STREET, SUITE 3200 FORT WORTH, TEXAS 76102

(817) 336-2751

June 12, 2013

Cuthbert Resources, LLC 414 W Texas Ave Ste 312 Midland, TX 79701

Re: Notice of Application for Salt Water Disposal Well

Ladies and Gentlemen:

Texland Petroleum, L.P. is planning to convert the Texland State 3 #1 (API No. 30-025-37930) into a disposal well to handle water produced from the assigned acreage. As a quick summary of the project, below is the text of the legal notice being published in the local newspaper.

Texland Petroleum-Hobbs, LLC, 777 Main Street, Suite 3200 Fort Worth, Texas 76102, will be filing a C-108 (Application for Authorization to Inject) with the New Mexico Oil Conservation Division seeking administrative approval to reenter the Texland 3 State #1, located 990' FSL & 2310' FEL, Section 3, T17S, R36E, Lea County, New Mexico, and convert it to a salt water disposal well in the Abo Formation from 8536' to 8710'. The maximum injection rate will be 4300 BWPD at a maximum surface injection pressure of 2500 psi. Injection water will be sourced from area wells producing from the Abo Formation. The disposal water will be injected in the Abo Dolomite. Any interested party who has an objection to this must give notice in writing to the Oil Conservation Division, 1220 South Saint Frances Street, Santa Fe, New Mexico 87505, within fifteen days (15) days of this notice. Any interested party with questions or comments may contact Greg Mendenhall or Bryan Lee at Texland Petroleum-Hobbs, LLC, 777 Main Street, Suite 3200, Fort Worth, Texas 76102 or call (817)336-2751

As a leasehold operator within ½ mile of the proposed injection well, Cuthbert is entitled to receive a copy of Texland's application. Please find enclosed a copy of Texland's completed Form C-108 seeking authorization to convert the Texland State 3 #1 into a disposal well. If you have any questions, please contact me at your earliest convenience.

Yours very truly,

Wilson C. Woods

Enclosure

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Middand TX 7970

PS Form 3800, August 2006

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# **TEXLAND PETROLEUM, L.P.**

EXPLORATION AND PRODUCTION 777 MAIN STREET, SUITE 3200 FORT WORTH, TEXAS 76102

(817) 336-2751

June 12, 2013

Mr. Michael Villemarette OXY USA WTP LP P. O. Box 4294 Houston, Texas 77210-4294

Re: Notice of Application for Salt Water Disposal Well

Dear Michael:

It was a pleasure meeting with you and your team last week concerning our Blue Moon prospect. As you know, Texland Petroleum, L.P. is planning to convert the Texland 3 State #1 (API No. 30-025-37930) into a disposal well to handle water produced from the assigned acreage. As a quick summary of the project, below is the text of the legal notice being published in the local newspaper.

Texland Petroleum-Hobbs, LLC, 777 Main Street, Suite 3200 Fort Worth, Texas 76102, will be filing a C-108 (Application for Authorization to Inject) with the New Mexico Oil Conservation Division seeking administrative approval to reenter the Texland 3 State #1, located 990' FSL & 2310' FEL, Section 3, T17S, R36E, Lea County, New Mexico, and convert it to a salt water disposal well in the Abo Formation from 8536' to 8710'. The maximum injection rate will be 4300 BWPD at a maximum surface injection pressure of 2500 psi. Injection water will be sourced from area wells producing from the Abo Formation. The disposal water will be injected in the Abo Dolomite. Any interested party who has an objection to this must give notice in writing to the Oil Conservation Division, 1220 South Saint Frances Street, Santa Fe, New Mexico 87505, within fifteen days (15) days of this notice. Any interested party with questions or comments may contact Greg Mendenhall or Bryan Lee at Texland Petroleum-Hobbs, LLC, 777 Main Street, Suite 3200, Fort Worth, Texas 76102 or call (817)336-2751

As a leasehold operator within ½ mile of the proposed injection well, OXY is entitled to receive a copy of Texland's application. Please find enclosed a copy of Texland's completed Form C-108 seeking authorization to convert the Texland State 3 #1 into a disposal well. If you have any questions, please contact me at your earliest convenience.

Yours very truly,

Wilson C. Woods

Enclosure

English

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June 14, 2013, 7:14 pm June 14, 2013

June 13, 2013, 10:40 pm

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City, State, ZiP44

Middend TX 7970

PS Form 3800, August 2006

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# TEXLAND PETROLEUM, L.P.

EXPLORATION AND PRODUCTION 777 MAIN STREET, SUITE 3200 FORT WORTH, TEXAS 76102

(817) 336-2751

June 12, 2013

Mr. Thomas J. Scarbrough ConocoPhillips Company 600 N. Dairy Ashford, 2WL-15060 Houston, Texas 77252-2197

Re: Notice of Application for Salt Water Disposal Well

Dear Tom:

As you know, Texland Petroleum, L.P. recently acquired a term assignment of Conoco's leasehold interest in the NE/4SE/4 of Section, 3, Township 17 South, Range 36 East, NMPM, Lea County, New Mexico. In anticipation of drilling a well on the assigned acreage, Texland is planning to convert the Texland 3 State #1 (API No. 30-025-37930) into a disposal well to handle water produced from the assigned acreage. As a quick summary of the project, below is the text of the legal notice being published in the local newspaper.

Texland Petroleum-Hobbs, LLC, 777 Main Street, Suite 3200 Fort Worth, Texas 76102, will be filing a C-108 (Application for Authorization to Inject) with the New Mexico Oil Conservation Division seeking administrative approval to reenter the Texland 3 State #1, located 990' FSL & 2310' FEL, Section 3, T17S, R36E, Lea County, New Mexico, and convert it to a salt water disposal well in the Abo Formation from 8536' to 8710'. The maximum injection rate will be 4300 BWPD at a maximum surface injection pressure of 2500 psi. Injection water will be sourced from area wells producing from the Abo Formation. The disposal water will be injected in the Abo Dolomite. Any interested party who has an objection to this must give notice in writing to the Oil Conservation Division, 1220 South Saint Frances Street, Santa Fe, New Mexico 87505, within fifteen days (15) days of this notice. Any interested party with questions or comments may contact Greg Mendenhall or Bryan Lee at Texland Petroleum-Hobbs, LLC, 777 Main Street, Suite 3200, Fort Worth, Texas 76102 or call (817)336-2751

As a leasehold operator within ½ mile of the proposed injection well, Conoco is entitled to receive a copy of Texland's application. Please find enclosed a copy of Texland's completed Form C-108 seeking authorization to convert the Texland State 3 #1 into a disposal well. If you have any questions, please contact me at your earliest convenience.

Yours very truly,

Wilson C. Woods

Enclosure

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY
■ Complete Items 1, 2, and 3. Also complete	A. Signatura
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## TEXLAND PETROLEUM, L.P.

EXPLORATION AND PRODUCTION 777 MAIN STREET, SUITE 3200 FORT WORTH, TEXAS 76102

(817) 336-2751

June 12, 2013

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

Re: Notice of Application for Salt Water Disposal Well

Ladies and Gentlemen:

Texland Petroleum, L.P. is planning to convert the Texland State 3 #1 (API No. 30-025-37930) into a disposal well to handle water produced from the assigned acreage. As a quick summary of the project, below is the text of the legal notice being published in the local newspaper.

Texland Petroleum-Hobbs, LLC, 777 Main Street, Suite 3200 Fort Worth, Texas 76102, will be filing a C-108 (Application for Authorization to Inject) with the New Mexico Oil Conservation Division seeking administrative approval to reenter the Texland 3 State #1, located 990' FSL & 2310' FEL, Section 3, T17S, R36E, Lea County, New Mexico, and convert it to a salt water disposal well in the Abo Formation from 8536' to 8710'. The maximum injection rate will be 4300 BWPD at a maximum surface injection pressure of 2500 psi. Injection water will be sourced from area wells producing from the Abo Formation. The disposal water will be injected in the Abo Dolomite. Any interested party who has an objection to this must give notice in writing to the Oil Conservation Division, 1220 South Saint Frances Street, Santa Fe, New Mexico 87505, within fifteen days (15) days of this notice. Any interested party with questions or comments may contact Greg Mendenhall or Bryan Lee at Texland Petroleum-Hobbs, LLC, 777 Main Street, Suite 3200, Fort Worth, Texas 76102 or call (817)336-2751

As a leasehold operator within ½ mile of the proposed injection well, Yates is entitled to receive a copy of Texland's application. Please find enclosed a copy of Texland's completed Form C-108 seeking authorization to convert the Texland State 3 #1 into a disposal well. If you have any questions, please contact me at your earliest convenience.

Yours very truly,

Wilson C. Woods

Enclosure

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#### **TEXLAND PETROLEUM, L.P.**

EXPLORATION AND PRODUCTION 777 MAIN STREET, SUITE 3200 FORT WORTH, TEXAS 76102

(817) 336-2751

June 12, 2013

Featherstone Development Corporation Prospector, LLC Big Three Energy Group, LLC Parrot Head Properties, LLC P. O. Box 429 Roswell, New Mexico 88202

Re: Application for Salt Water Disposal Well

Ladies and Gentlemen:

As you know, Texland Petroleum, L.P. recently acquired a term assignment of your leasehold interest in the NW/4SE/4 of Section, 3, Township 17 South, Range 36 East, NMPM, Lea County, New Mexico. In anticipation of drilling a well on the assigned acreage, Texland is planning to convert the Texland 3 State #1 (API No. 30-025-37930) into a disposal well to handle water produced from the assigned acreage. The wellbore is located on your remaining leasehold in the SW/4SE/4 of Section 3. As a quick summary of the project, below is the text of the legal notice being published in the local newspaper.

Texland Petroleum-Hobbs, LLC, 777 Main Street, Suite 3200 Fort Worth, Texas 76102, will be filing a C-108 (Application for Authorization to Inject) with the New Mexico Oil Conservation Division seeking administrative approval to reenter the Texland 3 State #1, located 990' FSL & 2310' FEL, Section 3, T17S, R36E, Lea County, New Mexico, and convert it to a salt water disposal well in the Abo Formation from 8536' to 8710'. The maximum injection rate will be 4300 BWPD at a maximum surface injection pressure of 2500 psi. Injection water will be sourced from area wells producing from the Abo Formation. The disposal water will be injected in the Abo Dolomite. Any interested party who has an objection to this must give notice in writing to the Oil Conservation Division, 1220 South Saint Frances Street, Santa Fe, New Mexico 87505, within fifteen days (15) days of this notice. Any interested party with questions or comments may contact Greg Mendenhall or Bryan Lee at Texland Petroleum-Hobbs, LLC, 777 Main Street, Suite 3200, Fort Worth, Texas 76102 or call (817)336-2751

Pursuant to NMAC 19.2.11.10, we request your consent to convert the Texland State 3 #1 wellbore. Further, as a leasehold operator within ½ mile of the proposed injection well, Featherstone is entitled to receive a copy of Texland's application. I have enclosed a copy of Texland's completed Form C-108 seeking authorization to convert the Texland State 3 #1 into a disposal well, as well as a copy of the relevant NMAC provisions.

If this meets your approval, please sign and return one copy of this letter. I have enclosed an additional copy of this letter for your records.

JUN 2 4 2013

Featherstone Development Corp. June 13, 2013 Page 2 of 3

We appreciate your assistance in this matter. If you have any questions, please call me or Greg Mendenhall at your earliest convenience at the number above.

Yours very truly

Wilson C. Woods

Featherstone Development Corp. June 13, 2013 Page 3 of 3

The undersigned are the current leasehold owners of the following oil and gas lease, insofar as the lease covers the SW/4SE/4 of Section, 3, Township 17 South, Range 36 East, NMPM, Lea County, New Mexico:

State of New Mexico Lease No.:

VB-2119

Lease Date:

December 1, 2011

Lessor:

State of New Mexico

Lessee:

Featherstone Development Corp.

Lands Covered:

T17S, R36E, Lea County, NM

Section 3:

W/2 SE/4

The undersigned acknowledge receipt of the application of Texland Petroleum, L.P. to convert the Texland State 3 #1 well (API No. 30-025-37930) to a disposal well. Pursuant to NMAC 19.2.11.10.B, the undersigned hereby consent to the issuance of an easement for a salt water disposal well to Texland Petroleum-Hobbs, LLC.

ath day of June, 2013.

FEATHERSTONE DEVELOPMENT CORP.

BIG THREE ENERGY GROUP, LLC

By:

By:

Name: Blen Featherstone

PROSPECTOR, LLC

PARROT HEAD PROPERTIES, LLC

By:

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## **Affidavit of Publication**

State of New Mexico, County of Lea.

## I, DANIEL RUSSELL PUBLISHER

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

of 20 issue(s).

Beginning with the issue dated
June 07, 2013

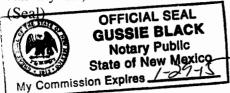
and ending with the issue dated
June 29, 2013

**PUBLISHER** 

Sworn and subscribed to before me this 1st day of July, 2013

Notary Public

My commission expires January 29, 2015



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



Legal Notice June 7, 8,9,11,12,13,14,15,16,18, 19,20,21,22,23,25,26,27,28,29, 2013

Texland Petroleum-Hobbs, LLC, 777 Main Street, Suite 3200 Fort Worth, Texas 76102, will be filling a C-108 (Application for Authorization to Inject) with the New Mexico Oil Conservation Division Seeking administrative approval to reenter the Texland 3 State #1, Located 990' FSL & 2310; FEL, Section 3, T17S, R36E, Lea County New Mexico, and convert it to a salt water disposal well in the Abo Formation from 8536' to 8710'. The maximum injection rate will be 4300 BWPD at a maximum surface injection pressure of 2500 psi. Injection water will be sourced from area wells producing from the Abo formation. The disposal water will be injected in the Abo Dolomite. Any interested party who has an objection to this must give notice in writing to the Oil Conservation Division, 1220 South Saint Frances Street, Santa Fe, New Mexico 87505, within fifteen (15) days of this notice. Any interested party with questions or comments may contact Greg Mendenhall or Bryan Lee at Texland Petroleum-Hobbs, LLc, 777 Main Street Suite 3200, Fort Worth, Texas 76102 or call 617-336-2751. #28195

02108309 00116083 TEXLAND PETROLEUM-HOBBS, LLC 777 MAIN ST., STE. 3200 FORT WORTH, TX 76102

# ATTACHMENT TO FORM C-108

VI.

LEASE NAME	WELL NUMBER	UWI (API)	DATE_	DEPTH STATUS	TYPE	
GRAHAM	8715 JV-P	3002531686	10/7/1992	8800 P&A	PRODUCER	
CP 3 STATE	1	3002537845	4/30/2006	8350 P&A	PRODUCER	
FEDERAL 3	1	3002537456	10/9/2005	13054 ACTIVE	PRODUCER	- Shallow Man
WEST LOVINGTON UNIT	26	3002503865	3/21/1945	5075-P&A	INJECTOR	- shallow
WEST LOVINGTON UNIT		3002503063	9/5/1960	5072 P&A	INJECTOR	8100
CITGO-FEDERAL	1	3002524656	3/2/1974	13226 P&A	PRODUCER	

4 wells
-3 P&A (furmer producers)
-1 Active

Operator	Well Name
ARRINGTON DAVID H OIL & GAS INCORPOR	IRRESISTIBLE
ARRINGTON DAVID H OIL & GAS INCORPOR	BRASSIE
BARNSDALL OIL CO	HUMBLE-STATE
BC OPERATING INC	ANGELL
BP AMERICA PRODUCTION COMPANY	STATE E TR-18
BTA OIL PRODUCERS	8715 JV-P GRAHAM
BTA OIL PRODUCERS	MIDWAY 8408 JV-P
BURLESON & HUFF	CITIES STATE
CHEVRON MIDCONTINENT LIMITED PARTNER	LOVINGTON PADDOCK UNIT
CHEVRON MIDCONTINENT LIMITED PARTNER	LOVINGTON SAN ANDRES UNIT
CHEVRON MIDCONTINENT LIMITED PARTNER	MIDWAY-STATE
CHEVRON MIDCONTINENT LIMITED PARTNER	WEST LOVINGTON UNIT
CITIES SERV CO	STATE AU
CITIES SERVICE COMPANY	STATE AE
COQUINA OIL CORP	DURHAM-STATE
ELK OIL	ST KA
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EXXON	CITGO FED.
FASKEN DAVID	EXXON STATE
GREENHILL PETROLEUM CORPORATION	MIDWAY STATE
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MARATHON	MIDWAY ST
MOBIL PRODUCING TEXAS & NM	STATE R
MOREXCO INC	SCREAMING EAGLE STA
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#### **TEXLAND 3 STATE 1 Wellbore Schematic** Field Name State/Province API/UWI County NM 30-025-37930 Texland Petroleum-Hobbs, LLC LOVINGTON SAN ANDRES LEA Rig Release Date Original KB Elevation (ft) Ground Elevation (ft) Spud Date 3,876.00 3,865.00 7/6/2006 00:00 7/26/2006 00:00 6/12/2006 00:00 Surface Legal Location North/South Distance (ft E/W Ref 990.0 8 2,310.0 E UNIT O, SEC 3 17S-36E Main Hole, 4/19/2013 11:16:38 AM MD (ftKB) Vertical schematic (actual) 0.0 TUBING SUB; 0.0-4.0; 4.00; 2 3/8; 1-1 KB; 0.0-11.0; 11.00; 5 1/2; 2-1 3.9 -KB; 0.0-11.0; 11.00; 8 5/8; 1-1 11.2 CASING HEAD; 11.0-12.2; 1.20; 8 5/8; 1-2 LTC CASING, CUT JT; 11.0-22.5; 11.52; 5 1/2; 2-2 12.1 -BULL PLUG; 4.0-36.0; 32.00; 2 3/8; 1-2 22.6 STC CUT JT; 12.2-35.5; 23.25; 8 5/8; 1-3 35.4 36.1 STC CASING; 35.5-1,980.2; 1,944.70; 8 5/8; 1-4 1,980.0 FLOAT COLLAR; 1,980.1-1,981.3; 1.20; 8 5/8; 1-5 1,981.3 STC SHOE JT; 1,981.3-2,025.2; 43.87; 8 5/8; 1-6 2,025.3 TEXAS PATTERN SHOE; 2,025.2-2,025.9; 0.67; 8 5/8; 1-7 2,025.9 LTC CASING; 22.5-4,825.1; 4,802.59; 5 1/2; 2-3 4,630.9 4.650.9 4.655.8 4,741.1 2000 10000 **WW** 4,825.1 Perf; 4,741.0-4,908.0; 7/18/2006 DEPTH CONTROL COLLAR; 4,825.1-4,826.2; 1.10; 5 1/2; 2-4 4,826.1 4,908.1 4,975.1 10000 Perf; 4,975.0-5,052.0; 7/12/2006 1000 5,051.8 LTC CASING; 4,826.2-5,359.8; 533.55; 5 1/2; 2-5 5,359.9 -LTC CASING; 5,359.8-5,404.2; 44.41; 5 1/2; 2-6 5,401.9 5,404.2 FLOAT COLLAR; 5,404.2-5,405.3; 1.15; 5 1/2; 2-7 5,405.2 LTC CASING SHOE JT.; 5,405.3-5,449.7; 44.35; 5 1/2; 2-8 5,449.8 FLOAT SHOE; 5,449.7-5,451.0; 1.29; 5 1/2; 2-9 5,451.1 5,681.1

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WellView

## **TEXLAND 3 STATE 1**

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Coment										
	asing, 6/15/200		In the second		ICtard Date	Campant				
Description SURFACE		Type Casing	String Surface	2,025.9ftKB	Start Date 6/15/2006	Comment				
Cement Stag			1							
1, 0.0-2,025.9	ftKB				Detter Death (fil	<b>(D)</b>				
Top Depth (ftKB)				(	Bottom Depth (fti	NB)				2,025.9
ppg and 2.52	yield. Tail w/ 250	0 sks class C	:65:6 (Poz-C-Gel) + 2% CaCl mixed PM 6/14/06. Float	at 14.8 ppg ar	nd 1.34 yield.					
Cement Fluid		OWIT at 0.00 1	101 0/14/00:11001	noid. On oo bi	or to pit.					
Amount (sacks)	Class					Com				
0										
CMT PLUG 1, Description	, Plug, 7/4/2006	01:00 Type	String		Start Date	Comment				
CMT PLUG 1		Plug	Cumy		7/4/2006	Comment				
Cement Stag										
<stagenum>, Top Depth (ftKB)</stagenum>	8,300.0-8,437.0	OftKB			Bottom Depth (ft)	(R)				
				8,300						8,437.0
Comment 50SX CLASS	H 15.6PPG 1.18	RYLD		180		-				
Cement Fluid		3160								
Amount (sacks)	Class					Com				
OME BUILD O	DI									
Description	, Plug, 7/4/2006	02:00 Type	String		Start Date	Comment				
CMT PLUG 2		Plug			7/4/2006					
Cement Stag										
<stagenum>, Top Depth (ftKB)</stagenum>	6,043.0-6,180.0	πкв			Bottom Depth (ft)	(B)				······································
				6,043						6,180.0
Comment 50 SX CLASS	H 15.6PPG 1.1	8YI D								
Cement Fluid		U1LD		11.1						
Amount (sacks)	Class					Com				
OME TO SERVICE										
CMT PLUG 3, Description	, Plug, 7/4/2006	03:00 Type	String		Start Date	Comment				
CMT PLUG 3		Plug	Osing .		7/4/2006	Johnson				
									, , , , , , , , , , , , , , , , , , , ,	

## **TEXLAND 3 STATE 1**



		4.6						
Casing Strings	S							
Production, 5,								
Run Date		Casing Description				Set D	epth (ftKB)	5 454 6
	5/2006	Production		N				5,451.0
Casing Compo				00 (%)	Crede	14/4 /15- (64)	1 (4)	lto.
KB	Item D	es	Casing (red)	OD (in) 5 1/2	Grade	Wt (lb/ft)	Len (ft) 11.00	Jts
LTC CASING,	CLIT IT		Casing (red)	5 1/2	155	15.50	11.52	
LTC CASING,	00131			5 1/2		15.50	4,802.59	117
	001 0011 40		Casing (red)			15.50		117
DEPTH CONTI	ROL COLLAR		Stage collar	5 1/2		45.50	1.10	4.0
LTC CASING			Casing (red)	5 1/2	i	15.50	533.55	13
LTC CASING	_		Casing (red)		N80	17.00	44.41	1
FLOAT COLLA			Float collar	5 1/2	1		1.15	
LTC CASING S	SHOE JT.		Casing (red)	5 1/2	N80	17.00	44.35	1
Coment Stage <stagenum>, (</stagenum>	5,451.0-5,681.0	ftKB						
Top Depth (ftKB)	,			Bottom Depth (ftKE	3)			
			5,451.0					5,681.0
	s H 15.6 ppg 1.	18 yield						
Amount (sacks)	Class				com			
Amount (sucks)	Class				OIII			
CMT PLUG 3-	REST, Plug, 7/4			In. 10				
Description CMT PLUG 3-F	REST	Type Plug	String Production, 5,451.0ftKB	Start Date C 7/4/2006	omment			
Cement Stage		1. 1.5						
<stagenum>, (</stagenum>		ftKB						1
Top Depth (ftKB)				Bottom Depth (ftKE	3)			
Comment			5,402.0	1				5,451.0
Continent								
Cement Fluids	3							
Amount (sacks)	Class	,		C	om			
	, Casing, 7/5/2	006 00:00						
Description PRODUCTION		Type Casing	String Production, 5,451.0ftKB	Start Date C 7/5/2006	omment			
Cement Stage		Casing	Froduction, 5,451.0ttND	17572000				
1, 0.0-5,451.0f								
Top Depth (ftKB)			Y-10-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1	Bottom Depth (ftKE	3)			
			0.0	)				5,451.0
at 12.5 ppg an	d1.94 yield. Tai	l w/ 250 sacks class	Poz H with 6% gel, 0.4% Fl C with 3% KCL mixed at14 19 AM 7/6/06. Floats held.	.8 ppg	ment to Pit			
Cement Fluids								
Amount (sacks)	Class			C	om			
CMT DI UC DI	7/26/2006	20.00						
CMT PLUG, PI Description	ug, //26/2006 (	Type	String	Start Date C	omment			
CMT PLUG		Plug	Production, 5,451.0ftKB	7/26/2006	on mone			

EXLAND	3 STATE	1	Casing and Ce	ment Sum	nmary		
	**************************************						
Casing Comp	onents						
FLOAT SHOE	ltem (	Des	Casing shoe (old)	OD (in) 5 1/2	Grade	Wt (lb/ft)	Len (ft) Jts 1.29
	,			<u> </u>			
Camant Stand							
op Depth (ftKB)	4,631.0-4,651.0	)ftKB		Bottom Depth (ftKB)			
Comment			4,631.0				4,65
Cement Fluid	<u> </u>						
Amount (sacks)	Class			Com			

## **TEXLAND 3 STATE 1**

1		
1	4	$\sim$
1		20
١	16	~
1		

API/UWI 30-025-37930		Operator Textand Pet	roleum-Hobbs,	Field Name	N SAN ANDRES	ea	County	State/Province	e
Original KB Elevation		Ground Elevation (ft)		Spud Date		Rig Release	Date	Completion Date	
	3,876.00		3,865.00	6/12/2	006 00:00	7/	6/2006 00:00	7/26/2006 0	0:00
Casing String									
Surface, 2,02	5.9ftKB	Casing Descriptio	^	****				Set Depth (ftKB)	
	15/2006	Surface	"					oc Dopar (mas)	2,025.9
Casing Comp	onents								
	Item De	s		Icon	OD (in)	Grade	Wt (lb/ft)	Len (ft)	Jts
KB	_			ing (red)	8 5/8	1		11.00	
CASING HEAL	J		1	sing (red)	8 5/8		1	1.20	1
STC CUT JT			1	ing (red)		J55 J55		.00 23.25 .00 1,944.70	44
STC CASING	A D		I .	sing (red)	8 5/8	1	24	1,944.70	**
FLOAT COLL/ STC SHOE JT			i	at collar	8 5/8	1		.00 43.87	1
TEXAS PATTE				sing (red)	8 5/8		24	0.67	'
TEXAS PATTE	ERN SHOE		(old	ing shoe )	0 5/6			0.07	
							1		
Camant									
	asing, 6/15/2006								
Description SURFACE		Type	String Surface 3	.025.9ftKB	Start Date 6/15/2006	Comment			
Cement Stage	26	Casing	Surface, 2	.,023.91110	0/13/2000				
1, 0.0-2,025.9									
Top Depth (ftKB)					Bottom Depth (ftKi	B)			
Comment				0.	.0				2,025.9
Comment Pump 20 BFW	/ spacer. Lead w/	625 sks 35:65:6	(Poz-C-Gel) +	3% salt mixed	d at 12.5				
ppg and 2.52 y	ield. Tail w/ 250	sks class C + 2%	CaCI mixed a	t 14.8 ppg and	d 1.34 yield.				
		vn at 3:53 PM 6/	14/06. Float he	eld. Cir 56 bb	I to pit.				
Cement Fluid Amount (sacks)	S Class					Com			
O O	Ciass					50111			
CMT PLUG 1.	Plug, 7/4/2006 0	1:00							
Description	<u> </u>	Туре	String			Comment			,
CMT PLUG 1		Plug			7/4/2006				
Cement Stage	es 8,300.0-8,437.0ff	WD.							
Top Depth (ftKB)	0,300.0-0,437.011	IND .			Bottom Depth (ftKl	B)			
				8,300.	0				8,437.0
Comment	H 15.6PPG 1.18Y	(I D							
Cement Fluid									
Amount (sacks)	Class					Com			
	Plug, 7/4/2006 0								
Description CMT PLUG 2		Type Plug	String		Start Date 7/4/2006	Comment			
Cement Stage	es	I lug			11412000				
	6,043.0-6,180.0ft	KB							
Top Depth (ftKB)				6.042	Bottom Depth (ftKl	B)	11	100	6 400 0
Comment				6,043.	u <sub> </sub>				6,180.0
50 SX CLASS	H 15.6PPG 1.18	YLD	720 0001						
Cement Fluid									
Amount (sacks)	Class					Com			
CMT PLUG 2	Plug, 7/4/2006 0	3:00							
Description	1 lug, //4/2006 0	Type	String		Start Date 10	Comment			
CMT PLUG 3		Plug			7/4/2006				
							77		

					4
TEXI	Λ,	M 1			_ 7
	_~1	AL)	3 3	. ~ .	



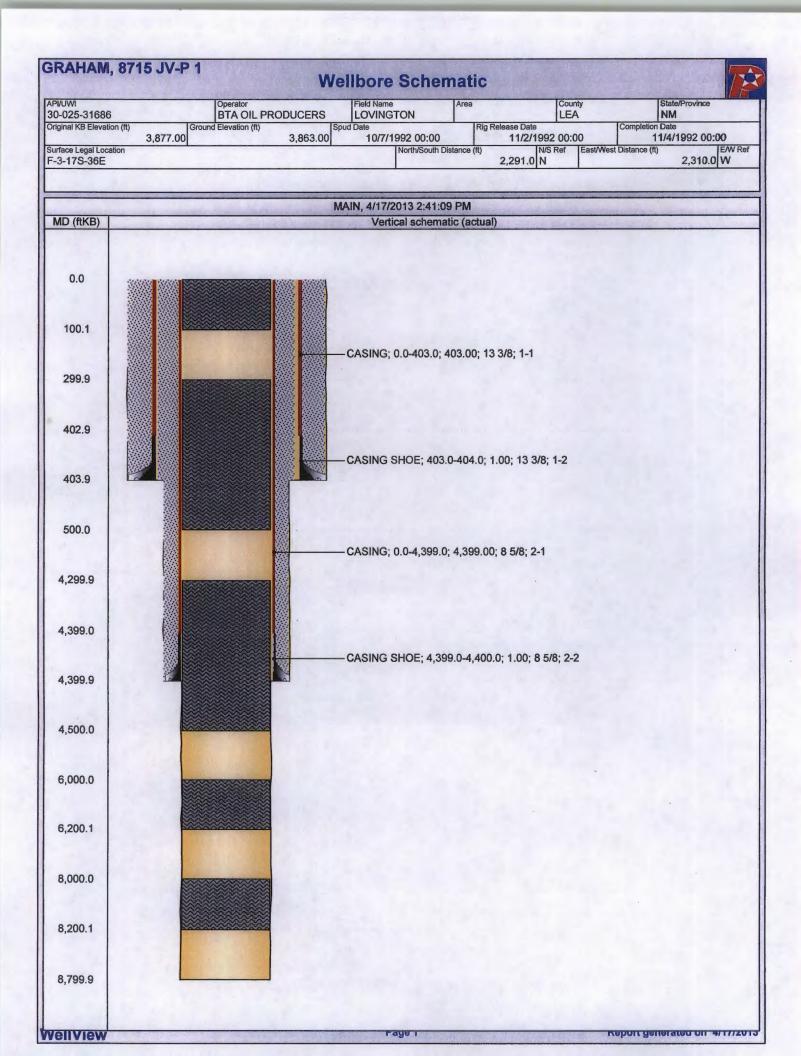
Casing Strings								
Run Date		Casing Descripti	on			Set Dep	th (ftKB)	5,451.0
	5/2006	Production						5,451.0
Casing Compo	Item De	98	Icon	OD (in)	Grade	Wt (ib/ft)	Len (ft)	Jts
KB			Casing (red)	5 1/2			11.00	
LTC CASING,	CUT JT		Casing (red)	5 1/2	J <b>5</b> 5	15.50	11.52	
LTC CASING			Casing (red)	5 1/2	J55	15.50	4,802.59	117
DEPTH CONT	ROL COLLAR		Stage collar	5 1/2			1.10	
LTC CASING			Casing (red)	5 1/2	J55	15.50	533.55	13
LTC CASING			Casing (red)	5 1/2	N80	17.00	44.41	1
FLOAT COLLA	AR .		Float collar	5 1/2	I		1.15	
LTC CASING S	SHOE JT.		Casing (red)	5 1/2	N80	17.00	44.35	1
			.,,,					
Cament Stane			W.L					
<stagenum>, ! Top Depth (ftKB)</stagenum>	5,451.0-5,681.01	tKB		Bottom Depth (ftKB	<u> </u>			
Top Depth (πKB)			5,451.0	Bottom Depth (IINE	3)			5,681.0
Comment								
	s H 15.6 ppg 1.1	18 yield						
Amount (sacks)	Class				om			
Amount (sacks)	Class				OIII			
CMT PLUG 3-	REST, Plug, 7/4	/2006 04:00						
Description		Туре	String		omment			
CMT PLUG 3-F		Plug	Production, 5,451.0ftKB	7/4/2006				
Cement Stage		*****						
<pre>Top Depth (ftKB)</pre>	5,402.0-5,451.01	TKB		Bottom Depth (ftKB	3)			
rop Sopar (late)			5,402.0	Donom Dopar (m.c.	,			5,451.0
Comment			1					
Cement Fluids								
Amount (sacks)	Class			C	om			
(020,10)					,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			
PRODUCTION	l, Casing, 7/5/20	00:00		72.11	1000			
Description		Туре	String		omment			
PRODUCTION Cement Stage		Casing	Production, 5,451.0ftKB	7/5/2006				
1, 0.0-5,451.0f								
Top Depth (ftKB)	tro			Bottom Depth (ftKB	3)			
			0.0				V-7-7-	5,451.0
at 12.5 ppg an 1.33 yield. Disp	nd1.94 yield. Tail place with 129 B	w/ 250 sacks cla	35 Poz H with 6% gel, 0.4% FL ss C with 3% KCL mixed at14 10:49 AM 7/6/06. Floats held. 0	.8 ppg	ment to Pit			
Cement Fluids								
Amount (sacks)	Class				om			V-124.
CMT DLUC D	lug 7/26/2006 0	0.00	7,0					·····
Description	lug, 7/26/2006 0	Type	String	Start Date C	omment			
CMT PLUG		Plug	Production, 5,451.0ftKB	7/26/2006				

Casing Components	TEXLAND	3 STATE	1	Casing and Co	ement Sun	nmary			
Item Des		·	****						
Coment Stages	Casing Comp	onents							
<stagenum>, 4,631.0-4,651.0ftKB           Top Depth (ftKB)         4,631.0           Comment         4,631.0</stagenum>	FLOAT SHOE	Item [	Des	Casing shoe	OD (in) 5 1/2	Grade	Wt (lb/ft)	1.29	its
<staggenum>, 4,631.0-4,651.0ftKB           Top Depth (ftKB)         Bottom Depth (ftKB)           Comment         4,631.0    4,651.</staggenum>									
<staggenum>, 4,631.0-4,651.0ftKB           Top Depth (ftKB)         Bottom Depth (ftKB)           Comment         4,631.0    4,651.</staggenum>									
<stagenum>, 4,631.0-4,651.0ftKB           Top Depth (ftKB)         4,631.0           Comment         4,631.0</stagenum>									
<stagenum>, 4,631.0-4,651.0ftKB           Top Depth (ftKB)         4,631.0           Comment         4,631.0</stagenum>									
Top Depth (ftKB)         Bottom Depth (ftKB)           Comment         4,631.0	Coment Stand	e							
4,631.0 4,651.  Comment Fluids	<stagenum>,</stagenum>	1,631.0-4,651.0	ftKB		Rottom Depth (ffKR)				
Cement Fluids				4,631	.0			4,6	651.0
					Com				
	Alliouni (duono)	Oldss			Com				

EXLAND 3 STAT	E 1	Well Summa	ary				7
PI/UWI 30-025-37930	Field Name LOVINGTON SAN ANDRES	ea Open	ator land Petroleum-		ounty =A	State/F NM	rovince
	Ground Elevation (ft) KB-Ground E	Distance (ft) Spud Date		Rig Release		Completion	Date /2006 00:00
rface Legal Location NIT O, SEC 3 17S-36E	0,000.00	North/South		990.0 S		tance (ft)	2,310.0 E
			Wellbore	LD <sub>ee</sub>	No Type		IVS Dir
ormname> mation Name   Drill T	op Comment		Wellbore Name Main Hole		île Type		
has Diele			Size (in) 12 1/4	Act Top (ftKB) 0.0	Act Btm (ftKB) 2,025.9	Start Date	End Date
her Picks	Top (ftKB)		7 7/8	2,025.9	8,450.0		
erforations							
Date	Туре		Γορ (ftKB)	Btm (ftl	(B)	Shot Dens (shots/ft)	Entered Shot To
/18/2006 00:00 /12/2006 00:00			4,741.0 4,975.0		4,908.0 5,052.0	2.0 2.0	
General Notes							
Date 7/12/2006	Perf 2 SPF as follows, 4975, 76,77,	78 79 80 81 82 83 84	Com 88 89 91 92	2 93 5027 2	8 29 30 31	32 33 35 4	2 43 44
7/17/2006	45, 46, 47, 48, 49, 50, 51, 52. Shot SITP 200. Open up well and bled o top perfs, 4075'-4993' and 55% goi indicates a possible channel down to	34 selections, 68 holes. ff. RU Gray wireline and ng in lower perfs, 5027'-	pump truck.	Run pump in t	racer. Indicat	es 45% of fl	uid going in

			ıu	bing	allu ixc	ds Sun	nmar	y				
API/UWI 30-025-37930		Field Name	e ON SAN ANDRE	Area		Operator Textand Pe	etroleum-l	Hobbs, LLC	County LEA		State/Pro	vince
Original KB Elevation (ft)	3,876.00 Groun	d Elevation (		Sp	ud Date 6/12/200		Rig Rele			Completion 7	Date 7/26/200	3 00:00
_ocation												
ast/West Distance (ft)	2,310		est Reference			orth/South Distar	nce (ft)		990.0 S	outh Referen	ce	
urface Legal Location JNIT O, SEC 3 17S-	-36E											
ubing Compor									1 0 2		ull Data	Set Depth
2 3/8 TUBING S	Item Des		Len (ft) 4.00	Jts	### (ftKB) 4.0 TU	BING STRIN	Des G		7/26/2006		ull Dat <del>e</del>	Set Depth
2 3/8 BULL PLU			32.00		1 1	BING STRIN			7/26/2006			
Rod Componen	ite.											
	its Item Des		Len (fl)	Jts	Btm (ftKB)	F	Rod Des		Run Dal	е Р	ull Date	Set Dept.
Rod Componen			Len (ft)	Jts	Btm (RKB)	F	Rod Des		Run Dai	e P	Pull Date	Set Depti
			Len (ft)	Jts	Top (ftKB)	OI	Pod Des		Run Dal	e P	Pull Date	Set Dept

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## GRAHAM, 8715 JV-P 1



API/UWI 30-025-31686	Operator BTA OIL PROD	UCERS	Field Name LOVING		rea		County LEA	State/Province NM	
Original KB Elevation (ft)	Fround Elevation (ft)	Spud	Date		TR	tig Release Date	ļc	ompletion Date 11/4/1992 00	
3,877.00		3,863.00	10///19	992 00:00		11/2/1992	00:00	11/4/1992 00	7.00
Casing Strings									
SURFACE, 404.0ftKB									
Run Date 10/7/1992	Casing Description SURFACE						Se	t Depth (ftKB)	404.0
Casing Components	100:::7:0=								
Item Des			con	OD (in) 13 3/	/6	Grade	Wt (lb/ft) 54.50	Len (ft) 0 403.00	Jts
CASING CASING SHOE		Casing (		13 3/			34.30	1.00	
ONO ONO E		(old)	01100	100					
PRODUCTION, 4,400.0ftKB									
Run Date 10/20/1992	Casing Description PRODUCTION						Se	t Depth (ftKB)	4,400.0
Casing Components									
CASING Item Des		Casing	(red)	OD (in) 8 5/	18	Grade	Wt (lb/ft) 32.00	Len (ft) 0 4,399.00	Jts
CASING		Casing	(1eu)	0 3/	,0		32.00	4,000.00	
Comont									
SURFACE, Casing, 10/7/1992 0	1:00								
Description	Type S	String		Start Date	Com	ment			
SURFACE Cement Stages	Casing S	SURFACE, 40	4.0πκΒ	10/7/1992	L				
<stagenum>, 0.0-404.0ftKB</stagenum>									
Top Depth (ftKB)			0	Bottom Depth (ftl	KB)				404.0
Comment			0.	<u> </u>					404.0
CMT W/450SX. CIRC									
Cement Fluids Amount (sacks) Class					Com				
PRODUCTION, Casing, 10/20/1				Inter Delle					
Description PRODUCTION	Casing F	String PRODUCTION 1,400.0ftKB	Ν,	Start Date 10/20/1992	Com	ment			
Cement Stages					·				
<stagenum>, 0.0-4,400.0ftKB</stagenum>				TD-H Dth (4)	VD)				
Top Depth (ftKB)			0.	Bottom Depth (ft)	KB)				4,400.0
Comment CMT W/1900SX. CMT CIRC	0.000								
Cement Fluids									
Amount (sacks) Class					Com				
PLUG 1, Plug, 11/3/1992 00:00									
Description	Туре	String		Start Date	Com	ment			
PLUG 1 Cement Stages	Plug			11/3/1992					
<stagenum>. 8.000.0-8.200.0fti</stagenum>	KB								
Top Depth (ftKB)			0.000	Bottom Depth (ft)	KB)				0.000.0
Comment			8,000.	νĮ					8,200.0
80SX CMT									
Cement Fluids Amount (sacks) Class					Com				
PLUG 2, Plug, 11/3/1992 01:00 Description				To: :=:	12				
Description PLUG 2	Type S Plug	String		Start Date 11/3/1992	Com	ment			
WIP. 11	<u> </u>			•					

GRAHAM, 8715 JV-P 1 Casing and Cement Summary										
Casing Comp	onents									
CASING SHO		Des	lcon Casing shoe (old)	OD (in) 8 5	Grade 5/8	Wt (lb/ft)	Len (ft) 1.00	Jts		
Comont Stand		0#VD		· · ·						
<stagenum>, Top Depth (ftKB)</stagenum>	6,000.0-6,200.	UILNE		Bottom Depth (f	tKB)					
Comment			6,00	0.0				6,200.		
80SX										
Cement Fluid Amount (sacks)	S Class				Com					
Allount (sacks)	Cidas	1			Com					
PLUG 3, Plug	, 11/3/1992 02	:00								
Description PLUG 3		Туре	String	Start Date	Comment					
Cement Stage		Plug		11/3/1992	L					
<stagenum>,</stagenum>		.0ftKB								
Top Depth (ftKB)	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			Bottom Depth (f	tKB)					
Comment			4,30	0.0				4,500.		
80SX										
Cement Fluid										
Amount (sacks)	Class				Com					
PLUG 4, Plug	11/4/1992 00	·00						11.1.40000		
Description PLUG 4	, , , , , , , , , , , , , , , , , , , ,	Type Plug	String PRODUCTION, 4,400.0ftKB	Start Date 11/4/1992	Comment			-, .,,		
Cement Stage										
<stagenum>, Top Depth (ftKB)</stagenum>	300.0-500.0ftl	(B		Dollars Don't /	W(D)					
Top Depth (fikB)			30	Bottom Depth (f	IKB)			500.		
Comment										
75SX Cement Fluid	2									
Amount (sacks)	Class				Com					
· · · · · ·								···		
PLUG 5, Plug	, 11/4/1992 01				v-1					
Description PLUG 5		Type Plug	String PRODUCTION, 4,400.0ftKB	Start Date 11/4/1992	Comment					

GRAHAM, 8715 JV-P 1 Casing and Cement Summary									
Coment Stane	e								
<stagenum>, ( Top Depth (ftKB)</stagenum>	0.0-100.0ftKB	Bottom Depth (ftKB)							
		0.0 10	00.0						
Comment 10SX									
Cement Fluids	3								
Amount (sacks)	Class	Com							
:									

RAHAM, 8715 .	/V-P 1		Well S	ummar	y :					
PI/UWI 80-025-31686		ovington	Area	Operator BTA OII	L PRODUC	ERS	County		State/Prov	nce
Original KB Elevation (ft) 3,877.00	Ground Elevation		Ground Distance (ft)	Spud Date	992 00:00	Rig Relea		0.00	Completion Date	92 00:00
ourface Legal Location -3-17S-36E		0,000.00		North/South Dista	ance (ft)		lef East/V		nce (ft)	10.0 W
-0-170-30E					۷,	291.0114			2,0	10.0 11
'armatiana				1 (v	Vellbore					
formname>				⊽	Velibore Name MAIN	P	rofile Type			VS Dir
ormation Name Drill	Top Comment				Size (in)	Act Top (ftKB)			Start Date	End Date
ther Picks		T (A)(D)			17 1/2 <b>11</b>	0. <b>404</b> .	1	404.0 400.0		
		Top (ftKB)			7 7/8	4,400.	1	800.0		
Perforations										
Date			Туре	Top (f	tKB)	Btm	(ftKB)	SI (	hot Dens shots/ft) En	tered Shot To
		37.17.17							4 U. SW	
General Notes										
Date				C	Com					
	1.									
		à								
		ä								
		k								
		à								
		à								
		à								
		<b>*</b>								

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SRAHAM, 8715	JV-P 1	Tubing	and Rods	Summary		
PI/UWI 0-025-31686	Field Name LOVINGTO	N Area	Opera	oll PRODUCERS	County	State/Province NM
ginal KB Elevation (ft)	Ground Elevation (ft)	3,863.00 Spu	d Date 10/7/1992 00:00	Rig Release Date		Completion Date 11/4/1992 00:00
ocation st/West Distance (ft)	East/West Re	ference	North/Sou	h Distance (ft)		outh Reference
face Legal Location	2,310.0 W				2,291.0 N	
3-17S-36E			,			
ubing Compone		/ m   m	24-4440			2.404
OD (in)	Item Des	Len (ft) Jts	Blm (ftKB)	Des	Run Date	e Pull Date Set Dept
,						
od Components						
OD (in)	Item Des	Len (ft) Jts	Btm (ftKB)	Rod Des	Run Date	Pull Date Set Dept
ther in Hole						
Des	Run Date Pu	II Date	Τορ (fiKB)	OD (in)		Com
/ellView			Page 1			Report generated on 4/17

WellView

## State of New Mexico Energy, Minerals and Natural Resources Department

Form C-105 Revised 1-1-89

Date 11-6-92

•	STREET TO Appropriate	
	District Office	
	State Lease — 6 copies Fee Lease — 5 copies DISTRICT!	
	Fee Leass - 5 copies	
	DISTRICT	
	P.O. Box 1980, Hobbs, NM	\$\$24

OIL CONSERVATION DIVISION

WELL API NO. 30-025-31686

STATE X

P.O. Box 2088 5. Indicate Type of Lease DISTRICT II
P.O. Drawer DD. Anceia, NM \$8210 Santa Fe, New Mexico 87504-2088 FEE 🗌 6. State Oil & Gas Lease No. DISTRICT III 1000 Rio Brazos Rd., Aziec, NM 87410 B4286 WELL COMPLETION OR RECOMPLETION REPORT AND LOG la. Type of Well:
OIL WELL GAS WELL DRY OTHER b. Type of Completion: MEN WORK DESCRIPTION BACK RESVR OTHER Graham, 8715 JV-P 2. Name of Operator 8. Well No. BTA 011 Producers

3. Address of Operator 9. Pool same or Wildcat 104 S. Pecos, Midland, TX 79701 Lovington, Abo 4. Well Location Unit Letter F: 2291 Feet From The North Line and 2310 Feet From The West Township 17S 36E NMPM 11. Date T.D. Reached 13. Elevations (DF& RKB, RT, GR, etc.) 10. Date Spudded 12. Date Compi. (Ready to Prod.) 14. Elev. Casinghead 3863' GR 3877' RKB 11-4-92 (P&A) 10-7-92 11-2-92 15. Total Depth 17. If Multiple Compl. How Many Zones? 16. Plug Back T.D. 18. Intervals | Rotary Tools Drilled By Cable Tools 8800 8800 19. Producing Interval(s), of this completion - Top, Bottom, Name 20. Was Directional Survey Made 22. Was Well Cored 21. Type Electric and Other Logs Run 23. CASING RECORD (Report all strings set in well) CASING SIZE WEIGHT LB/FT. DEPTH SET HOLE SIZE CEMENTING RECORD AMOUNT PULLED 13-3/8 54.5 404 17 - 1/2450 sx - Circ 4400 8-5/8 19<u>00 sx - Circ</u> 24. LINER RECORD TUBING RECORD BOTTOM SACKS CEMENT SCREEN DEPTH SET SIZE PACKER SET 27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. 26. Perforation record (interval, size, and number) DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED PRODUCTION Date First Production Production Method (Flowing, gas lift, pumping - Size and type pump) Well Status (Prod. or Shut-in) P&A Gas - Oil Ratio Date of Test Oil - Bbl. Gas - MCF Hours Tested Choke Size Prod's For Water - Bbl. Test Period Calculated 24-Hour Rate Oil - BЫ. Oil Gravity - API - (Corr.) Flow Tubing Press. Casing Pressure Gas - MCF Water - Bbl. 29. Disposition of Gas (Sold, used for fuel, vented, etc.) Test Witnessed By 30. List Attachments C-103, Logs 31. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief Printed

Name Dorothy Houghton Title Reg. Admn.

## **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	Northwest	ern New Mexico
T. Anhy	2050	T. Canvon	T. Oio Alamo	T. Perm. "B"
T. Salt		T. Strawn	T. Kirtland-Fruitland	T. Penn. "C"
B. Salt		T. Atoka	T. Pictured Cliffs	T. Penn. "D"
				T. Leadville
				T. Madison
				T. Elbert
				T. McCracken
				T. Ignacio Otzte
T. Glorieta	6170	T. McKee	Base Greenhorn	T. Granite
T. Paddock	6300	T. Ellenburger	T. Dakota	Т
T. Blinebry	6998	T. Gr. Wash	T. Morrison	_ T
Γ. Tubb	7946	T. Delaware Sand	T. Todilto	T
T. Drinkard	7994	T. Bone Springs	T. Entrada	т
Г. Аbo	8450	Т	T. Wingate	T
Γ. Wolfcamp_		T	T. Chinle	T
T. Penn		T	T. Permain	T
T. Cisco (Boug	zh C)	Т	T. Penn "A"	T
			NDS OR ZONES	
No. 1, from		to	No. 3. from	to
No. 2, from		to	No. 4, from	
			VATER SANDS	
include data or	rate of water inflo	w and elevation to which water rose	e in hole.	
		to		
No. 2, from		toto	feet	
No. 3, from		to	feetf	

## LITHOLOGY RECORD (Attach additional sheet if necessary)

		Thistory			T	Т		
From	To	Thickness in Feet	Lithology	From	То	١	Thickness in Feet	3
				<u> </u>		1	III Fee	is rea
-0-	404	404	Surface rock & Red beds			١		
404						Ì		
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API#30-025-31686

	, , ,	• • • • • • • • • • • • • • • • • • • •				
FIELD _	Lovington, Ab		COUNTY	Lea	OCC NUMBER	
	BTA Oil Producers		ADDRESS	104 S. Peco:	s, Midland, TX 79701	
or Bidiron						-
LEASE	8715 JV-P Graham				WELL NO. 1	
SURVEY	2291'FN & 2310' FWL,	Sec. 3, T-17-	S, R-36-E			

#### RECORD OF INCLINATION

	THODIMITION	
	ANGLE	OF
DEPTH (FEET)	INCLINATION	(DEGREES)
404	3/4	• ,
904	3/4	
1371	1	
1865	3/4	
2072	3/4	
2537	1	
3014	2 1/4	
3441	2 1/2	
3626	3	
3813	2 3/4	
4000	2 3/4	
4400	2 1/4	
4486	2 1/4	
4953	2 1/4	
5426	2 1/4	
5918	2	
6817	2	
7315	2 .	
7815	2 1/4	
8312	1 1/4	
8600	2	

Certification of personal knowledge inclination data:

I hereby certify that I have personally assembled the data and facts placed on this form, and such information given above is true and complete to the best of my knowledge.

Nota	Y. NEAGLE ry Public, State of Texas
	ry Public, State of Texas form. Exp. 08/22/94

BY: S. C. Thatch, Drilling Superintendent

Sworn and subscribed to before me the undersigned authority, on this the

11th	day	of		Novemb	er	, 1	992.						
		Q	pan 71.	Near	le	Notary	Public	in	and	for	Midland	County,	TX
Joan Y.	Neagle	e 7		-0	,							•	

# State of New Mexico

to Appropriate District Office	Energy, Minerals and Natur	rai Kesources Department	Revised 1-1-89		
DISTRICT I P.O. Box 1980, Hobbs, NM 88240	OIL CONSERVA'		WELL API NO.		
DISTRICT II	Santa Fe, New Me		30-025-31686		
P.O. Drawer DD, Artesia, NM 88210 DISTRICT III	Dalita 1 C, 11CW MC		5. Indicate Type of Lanse  STATE X FEE		
1000 Rio Brazos Rd., Azzec, NM 874	110		6. State Oil & Gas Leane No. B4286		
( DO NOT USE THIS FORM FOR	NOTICES AND REPORTS ON R PROPOSALS TO DRILL OR TO DE ESERVOIR. USE "APPLICATION FO	EPEN OR PLUG BACK TO A	7. Lease Name or Unit Agreement Name		
(FOF	RM C-101) FOR SUCH PROPOSALS	.)			
MEIT A MEIT	OTHER		Graham, 8715 JV-P		
2. Name of Operator			8. Well No.		
BTA Oil Produ  3. Address of Operator	cers		9. Pool same or Wildon		
	Midland, TX 79701		Lovington, Abo		
4. Well Location			ANY THE COLL TOU		
Unit Letter F :	2291 Feet From The North	Line and 23	10 Feet From The West Lin		
Section 3	Township 17S	Range 36E	NMPM Lea County		
	<i>'''''</i>	vhether DF, RKB, RT, GR, etc.)			
	3863' GI				
	eck Appropriate Box to Indi INTENTION TO:		REPORT, OF OTHER DATA  BSEQUENT REPORT OF:		
PERFORM REMEDIAL WORK	PLUG AND ABANDON	REMEDIAL WORK	ALTERING CASING		
TEMPORARILY ABANDON	CHANGE PLANS	COMMENCE DRILLIN	NG OPNS. X PLUG AND ABANDONMENT		
PULL OR ALTER CASING		CASING TEST AND	CEMENT JOB X		
OTHER:		OTHER:			
12. Describe Proposed or Completed work) SEE RULE 1103.	Operations (Clearly state all pertinent de	stails, and give pertinent dates, inc	luding estimated date of starting any proposed		
10-7-92: Sp	oudded @ 9:00 a.m., Dr	ld <u>17</u> -1/2" hole cm	td 13-3/8" 54.5# J55		
SI	C csg @ 404' w/450 sx	, Cmt circ, WOC 8 1	hrs, Installed csg hd &		
ВС	OP's, Clnd out to shoe	, Tested BOP's & c	sg to 1500 psi for 30 mins		
	n fresh wtr, WOC 18 hr		•		
10-9-92: De	epth 2065', Drlg 11" h	010			
10-9-92.	spen 2005, brig if n	oie.			
I hereby certify that the information abo	ove se true and complete to the best of my know	riedge and belief.			
SKINATURE SOLOT	hy Woughten	muz Regulatory	Administrator DATE 10-9-92		
TYPEORPENTNAME Dorothy	Houghton		TELEPHONE NO.		
(This space for Space Upo)	SIGNED BY RAY SMICE		007 - 22		
FIELD REP.		TOTA	007 1 ½ 19		
A STANSON BY					

# State of New Mexico

to Appropriate District Office		Energy, Minerals and Natural Resources Department			Revised 1-1-89			
DISTRICT I P.O. Box. 1980, Hobbs, N	M 88240	OIL CONSER			WELL API NO.			
DISTRICT II		P.O. Box 2088 Santa Fe, New Mexico 87504-2088			30-025-316			
P.O. Drawer DD, Artesia, NM. \$4210				1130-2000	5. Indicate Type of Lane STATE X FEE			
DISTRICT III 1000 Rio Brazos Rd., Azz	ac, NM 87410				6. State Oil & Go			
					B4286			
		CES AND REPORTS						
DIF	FERENT RESER	POSALS TO DRILL OR T VOIR. USE "APPLICATIO 101) FOR SUCH PROPO	ON FOR PER		7. Lease Name o	r Unit Agreement Name		
1. Type of Well: OL WELL X	WELL [	OTHER			Graham, 8	715 JV-P		
2. Name of Operator					S. Well No.			
BTA 011 Pr 3. Address of Operator	oducers				9. Pool same or	Wildcat		
•	os, Midlan	d. TX 79701			Lovington			
4. Well Location								
Unit Letter	_F_:22	91 Feet From The No	rth	Line and23	10 Feet Fro	on The West Line		
Section	3	Towaship 17			NMPM	Lea County		
		/////X		DF, RKB, RT, GR, etc.)		<i>\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\</i>		
		3863'		77' RKB	D	<u> </u>		
II.		Appropriate Box to FENTION TO:	maicate I		Report, or Othe IBSEQUENT			
PERFORM REMEDIAL	WORK	PLUG AND ABAND	XON 🗌	REMEDIAL WORK		ALTERING CASING		
TEMPORARILY ABANI	DON _	CHANGE PLANS		COMMENCE DRILL		PLUG AND ABANDONMENT		
PULL OR ALTER CAS	NG			CASING TEST AND	CEMENT JOB X			
OTHER:				OTHER: R	ig Release	X		
12. Describe Proposed of work) SEE RULE 1		itions (Clearly state all perio	nent details, e	nd give pertinent dates, b	cluding estimated date	of starting any proposed		
11-3-92:	-	P&A plugs as fol						
	Plug #1:	80 sx 8,00						
	Plug #2:		-					
	Plug #3:	ov sx 4,30	JU-4,5UL	,				
11-4-92:	Plug #4:	75 sx 30	00-500'					
	Plug #5:							
	Well P&A	2:00 a.m. 11-4	-92					
	Released	rig 6:00 a.m.						
I hereby certify that the	oformation above year	ne and resignate to the best of m	y knowledge as	d belief.				
SIGNATURE L	RETHY	ONOLLANDE	11/2 п	Regulatory	Administrato	DT DATE 11-6-92		
TYPE OR PRINT NAME	Dorothy	Houghton				<b>119.22-НОМЕ NO.</b> 915-682-37		
(This space for State Use	1)			^				
,	1 /	11		77				

<b> -</b>		State of New	Mexico	+	
Submit 3 Copies to Appropriate District Office	En	ergy, Minerals and Natura	Form C-103 Revised 1-1-89		
DISTRICT		IL CONSERVAT	ION DIVISION	WELL API NO.	
P.O. Box 1980, Hobbs, NR DISTRICT II	1 88240	P.O. Box		30-025-31686	
P.O. Drawer DD, Artesia,	NM 88210	Santa Fe, New Mexi	CO 8/304-2088	5. Indicate Type of Lease STATE X FEE	
DISTRICT III 1000 Rio Brazos Rd., Azze	-c. NM #7410	6. State Oil & Gas Lease No.			
				B4286	
		AND REPORTS ON V			
	ERENT RESERVOI	SALS TO DRILL OR TO DEE R. USE "APPLICATION FOR FOR SUCH PROPOSALS.)		7. Lease Name or Unit Agreement Name	
1. Type of Well:	045 —			1	
2. Name of Operator	MET	OTHER		Graham, 8715 JV-P	
BTA Oil Produ	cers			8. Well No.	
3. Address of Operator	-			9. Pool name or Wildcat	
104 S. Pecos,	Midland, TX	79701		Lovington, Abo	
	F:2291_	Feet From The North	Line and2	310 Feet From The West Line	
		170	2.00		
Section 3		Township 17S 10. Elevation (Show who	Range 36E ether DF, RKB, RT, GR, etc.)	NMPM Lea County	
		3863' GR	3877' RKB	<u> </u>	
11.			ate Nature of Notice, R	Leport, or Other Data	
NOT	ICE OF INTEN	ITION TO:	SUE	SSEQUENT REPORT OF:	
PERFORM REMEDIAL V	MORK 🔲	PLUG AND ABANDON	REMEDIAL WORK	ALTERING CASING	
TEMPORARILY ABAND	ON	CHANGE PLANS [	COMMENCE DRILLIN		
PULL OR ALTER CASIN	iG 📙		CASING TEST AND C	EMENT JOB X	
OTHER:			OTHER:		
12. Describe Proposed or work) SEE RULE 11		(Clearty state all pertinent deta	ils, and give pertinent dates, incl	uding estimated date of starting any proposed	
W	OC 8 hrs, Se out to shoe,	t slips & cut off Tested BOP's & cs	csg, Installed s	w/1900 sx, Cmt circ, pool & BOP's, Cleaned 30 min on fresh wtr, le.	
<u>10-25-92</u> : D	epth 6344',	DST #1 6260'-6303	3' (Paddock)		
<u>10-28-92</u> : D	epth 7303',	Drlg 7-7/8" hole.			
		_ /			

-- TITLE --

Dorothy Houghton

(This space for State BRIGINAL SIGNED BY JERRY SEXTON)

BISTRICT I SUPERVISOR

CONDITIONS OF APPROVAL, IP ANY:

mme Regulatory Administrator DATE 10-28-92

TELETHONE NO.915-682-3753

92' 0 CT 30

Submit to Appropriate District Office State Lease - 6 orpies	Energy, M	State of New Mex Linerals and Natural Res	Form C-101 Revised 1-1-89				
Fee Lease - 5 copies  DISTRICT I P.O. Box 1980, Hobbs, NM	88240	ONSERVATIO P.O. Box 208	8	API NO. (assigned by OCD on New Wells) 30-025-3/686			
DISTRICT II P.O. Drawer DD, Artesia, N		nta Fe, New Mexico	87504-2088	5. Indicate Type of Lease STATE X FEE			
DISTRICT III 1000 Rio Brazos Rd., Azzec	, NM 87410			6. State Oil & Gas Lease B 4286	No.		
APPLICATI	ION FOR PERMIT TO	DRILL, DEEPEN, C	R PLUG BACK				
1a. Type of Work:				7. Lease Name or Unit A	greement Name		
DRILL b. Type of Well:	RE-ENTER	DEEPEN	PLUG BACK				
MEIT X MEIT OV?	отнеж	SINGLE	X ZONE	Graham, 8715 J	V-P		
2. Name of Operator				8. Well No.			
BTA oil Prod	lucers			1			
3. Address of Operator 104 S. Pecos	s, Midland, TX	79701		9. Pool name or Wildcat Wildcat Lower	gten ale		
4. Well Location Unit Letter F	2291 Feet Fro	om The North	Line and 2310	) Feet From The	West Line		
Section 3	Townsh	ip 17S Rar	nge 36E 1	NMPM Lea	County		
<i>,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,</i>							
<i>\////////////////////////////////////</i>		10. Proposed Depth	11. F	ormation	12. Rotary or C.T.		
		9000		Abo	Rotary		
13. Elevations (Show whether	er DF, RT, GR, etc.)	. Kind & Status Plug. Bond	15. Drilling Contractor	16. Approx.	Date Work will start		
3863 GR		Blanket	Unknown		9-7-92		
17.		OPOSED CASING AN					
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT			
17-1/2	13-3/8	54.5	400	450	Surface		
11	8-5/8	24 & 32	4400	1800	Surface		
7-7/8	5-1/2	17	9000	1200	Surface		

BHP - 3000 psi - See schematic

There are no producing wells in this quarter, quarter section

	IN ABOVE SPACE DESCRIBE PROPOSED PROGR ZONE, DIVE BLOWOUT PREVENTER PROGRAM, IF ANY,	LAM: IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON	PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTIVE
	I hereby certify that the information shave is true and countries	to the best of my populadge and belief.	
	SKONATURE LAKELING	ME Regulatory Ad	iministrator DATE 8-11-92
			TELEPHONE NO. 915-682-375
_	TYPEOR PRINT NAME Dorothy Hought	on	TELEPHONE NO. 913~002~373.
_	(This space for State Use) Orig. Sig	med by Cautz gist	<b>AUG</b> 1 3 '92
	APPROVED BY	TITLE	DATE
	CONDITIONS OF APPROVAL, IF ANY:		

Farmit Expires 5 Months From Approval Date Unless Drilling Underway.

## State of New Mexico Energ., Minerals and Natural Resources Department

Form C-102 Revised 1-1-89

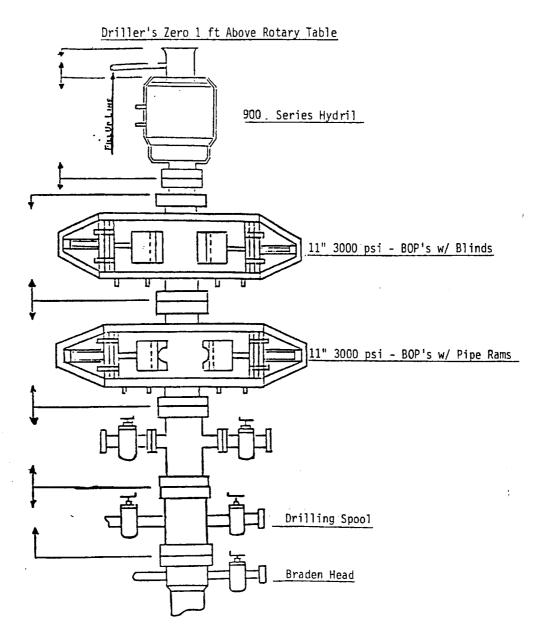
## OIL CONSERVATION DIVISION

P.O. Box 2085 Santa Fe, New Mexico 87504-2088

WELL LOCATION AND ACREAGE DEDICATION PLAT

DISTRICT III 1800 No Branco Bil., Askes, 786 87418 All Distances must be from the outer boundaries of the section

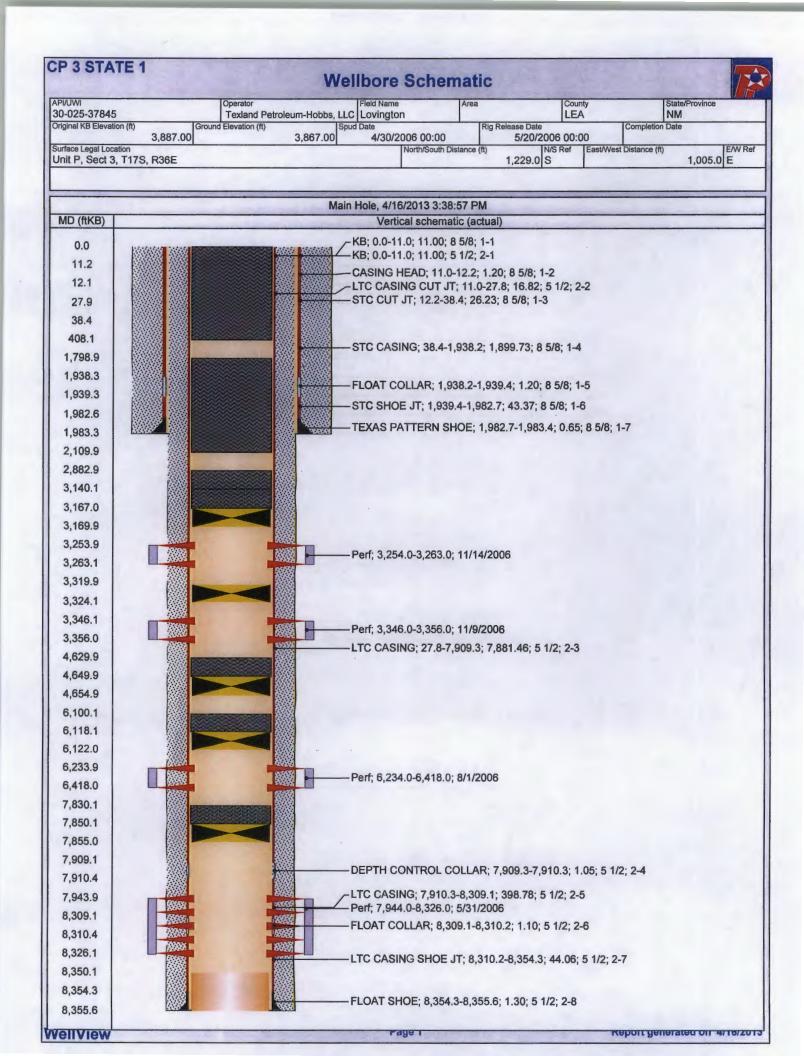
Operator	BTA	OIL PROD	XUCERS		Lance	8715 JV-P	GRAHAM	)	Yell No.			
Dait Letter	Cast Letter Section Township									County	<u></u>	
F	1.	3	17 1	SOUTH		36 EAST	MIPS		LEA			
									_			
2291	وجحشاه	NOF		M	2310   Peel			me WES				
Ground Lovel Ele 3863.3'	•	Ab.			Peor X	wingtin Wildcat	14.5		Bodioated Acre	-		
		Abo				wre marks on t			40	Agres		
I. If more than	a cons les	use in dedica	led to the we	il, sutine sac	k and spettly to the well, h	the evolution the interest	Liverand (both	es to <del>res</del> ks	ng interest and p	i		
If anywer in "a this form moses No allowable t	will be	d ormans an	d treet deem	iptions which	have actually to have been	been sempelida	(by commun	aitigetien, u	pitization, fore	ed-pooling,		
		1650.0'							TOR CERTIFI	CATION		
2521.0	gagar darkan dig		. 2291			 	. — —	Frinted No Dorothy Padition Regulat	Houghton ory Admini	Latite		
	2310' -		P v	49				SURVE	YOR CERTIFI			
		-			·· ·· ·· ·· ·· ·	           		on this piet octual over- oupervisor. correct to inligi.  Date Surv A	and that the sun the best of my	fluid motor of or -under-my o is true and becoming ord		
330 66			1090 mio		1000 1800	1000			LAND	WITE ST		



GRAHAM, 8715 JV-P SE/NW Sec 3, T17S, R36E Lea Co., N.M.

Andrease As a size of the size	New Mesico Benk Eli Co.	Meridian 10 1 99 157	Mebii 10123 Hd H.A.P. 121 22 B-3994 rrc 2	Testcongla Sentare English Sentare Sen		The state of the s	
Schiller (1997)	PRO7731	G Sic	Patterson (5) Sur hose Divided (6) (6) (6) (7) (7) (7) (7) (7) (7) (7) (7) (7) (7	Grange Fred. 1980 Ames and a Survey fred. 1980 Control of the control of the	Victor of Total	VOICE MED TOURS	
Tomas Die German Angele German	bil)	747-0 Pr 10 1 91 175 107	More's 10 : 23 ve 143 161 E	A-144 Print 2 22—— Bonne into Fuels FC Trague  Complia Torres  Bonne into Fuels  FC Trague  Complia Torres  Co	Conduction of the state of the	Fine O.C. M. I. See See See See See See See See See Se	
		Esran H.B.P. A-1320	Penniol 1-7-02	Yotes frt. etal server	0, 9	Grace (realist	19710
104-16-16-16-16-16-16-16-16-16-16-16-16-16-	29 Fine Ofic 5 16 7	~2 Yotas Pet	CMGraham, etal	(483) 27 Cel-Men	State State SHGilmarers; a Sales Lane	Control of	GREE!
CM Gr 1019 2001 L Senior of Major 1019 757 8/237 (12) and 1010 mg 1019 102 (12) and 1010 mg 1010 102 (12) and 1010 mg 1010 102 (12) and 1010 mg 1010 102 (12) and 102 (1		R, E.		12-1-49 V-3519 T0 53	Self suprem Fragoge by Self State Continues of the Contin	Carrell Company	LOVING
a ying ( Yypau)	Homeni Yares Pat ctol 12 1 23 VA 153 106 99 Yafes	Paga Prod. 7 - 27 - 82	Tales   Pet_atel     12   1 - 931   VA 154   76 #2	Yetes Pet, etal   Essan   124   533   H.B.P.   76   12   A-1320	61100 TEXACO (1870) H.S.P. (1.5.P. 17) A-1120 S-2310 E-2724		
A-1320  A-1320  Farmer  Tenner  Tenner  Tenner  Tenner  Tenner	ren, erial 1.1 er 2022 32- Tem BreamDris- forte 101011 des	Page Fred 1 · 21 · 92 Carayli Gram	Bernederi Print	LOVINGTON (PADD) UT. GREENHILL PET. (OP Tones   Texas   Americal 187   187   187   188   1	FR) 6		
OF THE STORE TO BE A STORE OF THE STORE OF T	INGTON WES	Mobil Yere	E+2936	19 1 31 V OVING?			-01
	Greena f Torrer	Essen Essen 17 106712	Personal American		Section 1		
Constant of Consta	Total Marie	Tream BA F. G. 11 G. 22 F. G. 11 G. 12 F. G. 11 G. 12 F. 12	American Market	Frank OFT STATEMENTS	OXY CAT	Annual Control of the	
Slore  Slore  Slore  Greenbill Pet.  Greenbill Pet.  Greenbill Pet.	ANT MAN ELLEN SAN MAN MAN MAN	94 (6.35) 100. 51 100. 51 100. 51 100. 51	Marian Bush	Service Service Charles	Souge Capellon of the Penner, To Cogning La Vide Ener, 400 rooms La Seas 10,000 1	The State of the S	State   Bran
GREENHILL	PET OPER	Shelle East	con from	China Sare, Ta 60 Stude Spirit To asker Spirit Benin 11:55	Siene, Siele + 1900   10	Madveny - S. Oller Date F	E D. Snipp
51910 KD4	Derethy   Scharbourt	H.B.P. B-1042 Styri Darethy 1.3 K.D.E.L.D. Durhan	Felmant is 6 (91) 6 (42) 6 (42) 7 (42) 6 (42) 6 (42) 6 (42) 7 (42) 7 (42) 7 (42) 8 (42	Stote, MI  Operating 1: Schar beauty by   NO ELD Our train, JC, 77's Vz	"State"  State MI  DenerhyScheraeuse, etc. 15 to  K D LL D Durham Jr. Tra 12	Nachrest 199451   1887	Title Times Date of 10 Section 15 Belly to treasure
Value Fort. Yatus Part. aveil 1941 1941 1941 1941 1941 1941 1941 194	Eum H.B.P. 8-4784 (4/7777) - 771/77/17	thip) to 6798'	Beko 18 - 1 87 18 - 1718 19 64 1718 19 18 1718 19 18 18 18 18 18 18 18 18 18 18 18 18 18	Meridian 0il 6 - 1 - 93 48 - 218 540 99 5 - 21 3 - 20	Maran Recall Stevens   May for Cr Serv St 185   C 18 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	God Starons  Filte Read & Starons  Call (650)  Donal Pet all Management (650)  Lyters	CrumpPrio 1
10 11 19 11 10 10 54 10 10 10 10 10 10 10 10 10 10 10 10 10			<b>∲″ivi</b> . RALD	BASES OF STREET	Surrey Or	10 mg	COLUMN
Contract Color	S OSMITOOVET	550000	or Anna	To of the State of an order of the order of	10 Pet 1/2 Marato	Deretty   Scherbover 6 6 6 KD C.L. D. Durham, Jr., Tre 1/2	Paner Dy and 1913 10130 France France Summare Energy 1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
ather reason Sun, etch regimes and the reason Sun, etch regimes and the reason Sun, etch regimes and the reason Sun, etch reason Sun, etch reason Sun, etc. reason sun, etc. rea	Table   Tabl	Farmer Bead	BTA   1.15	36	10 1 - 36 V 3961 14812 \$7671437111011.0	10 E	**************************************
Store, MI Toles.	19 9 500 to 9400'	6nete M.L. Dorothy Scharbauer K.D.E.L. D. Durha	ER DO	Source, MI December 1 Scharbour	Company Jr Humble Jr TD 5525 Cutton Put But 7-1 84 Symbour Durethy T Scharbouer 'g	To the Control of the	Spranger Street Street Spranger Street Stree
State of the Carton of the Car	STA STA Succept V-1688 In Scalary	H.E. Yat. VA. 425 206	t.	× O C,L.D Durham,Jr,Trs ¥2	A.Of L.O Durhpm.Jr., 375 V2  J-ACS Femous  1-ACS Grown  1-ACS Monacot  1-ACS Mona	0 0 0	10 10 10 10 10 10 10 10 10 10 10 10 10 1
All Manuel Common Commo	6 AP Co. 6 AP Co. 6 AP Co. 6 416	le: 2	3LE-A,	483) PART 1 98	TO SEE DO S 11-07 Marako (1F Par. V3) 1-1-96 175 M V 3161 26  "Persous SY" Shell	Votes of a signature of the signature of	SPEI
in 7 ata	Merenala 00.	Company Source		Cappe 14!	"Persous SY" SpencerUn	Store, M. Phillips	Far. 7

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## CP 3 STATE 1



API/UWI		Operator		Field Name	Area	County		State/Province
30-025-37845		Texland Petroleur	n, Inc.			LEA		NM
Original KB Elevation (ft)	Grou	ind Elevation (ft)	Spud	Date	Rig Release Date		Completion	Date
	3,887.00	3,8	867.00	4/30/2006 00:00	5/20/2006	00:00		

Casing Strings							
Surface, 1,983.4ftKB							
Run Date	Casing Description				Set De	epth (ftKB)	4 000 4
5/3/2006	Surface						1,983.4
Casing Components							
	Des	Icon	OD (in)	Grade	Wt (lb/ft)	Len (ft)	Jts
KB		Casing (red)	8 5/8		1	11.00	
CASING HEAD		Casing (red)	8 5/8			1.20	
STC CUT JT		Casing (red)	8 5/8	J55	24.00	26.23	1
STC CASING		Casing (red)	8 5/8	J55	24.00	1,899.73	44
FLOAT COLLAR		Float collar	8 5/8			1.20	
STC SHOE JT		Casing (red)	8 5/8	J55	24.00	43.37	1
TEXAS PATTERN SHOE		Casing shoe	8 5/8			0.65	
7,000		•				· · · · · · · · · · · · · · · · · · ·	

Camant						
SURFACE, Ca	sing, 5/3/2006	00:00				
Description SURFACE		Type Casing	String Surface, 1,983.4ftKB	Start Date 5/3/2006	Comment	
Cement Stage	es			•		
	0.0-1,983.4ftKB					
Top Depth (ftKB)			0.0	Bottom Depth (f	tKB)	1,983.4
ppg and 2.52 y Displace w/ 12	rield. Tail w/ 250	sks class C + 2 own at 3:30 PM	5:6 (Poz-C-Gel) + 3% salt mixed 2% CaCl mixed at 14.8 ppg and 5/2/06. Float held. Cir 79 bbl to	1.34 yield.		
Cement Fluid						
Amount (sacks)	Class			,	Com	
PRODUCTION Description	l, Casing, 5/21/		LObring	I Chart Data	Comment	
PRODUCTION	1	Type Casing	String Production, 8,355.6ftKB	Start Date 5/21/2006	Comment	,
Cement Stage						
1, 0.0-8,355.61	tKB					
Top Depth (ftKB)			0.0	Bottom Depth (1	KKB)	8.355.6
at 12.5 ppg ar	nd1.94 yield. Tai 1.60 yield. Displa bl to pit.	I w/ 250 sacks	5:65 Poz H with 6% gel, 0.4% F 15:61:11 Poz C-CSE, 0.6% FL 5 W. Plug down 5:56 AM 4/29/06	2, mixed at		
Amount (sacks)	Class				Com	
	P AT 7850, Plu	g, 7/31/2006 00	0:00			
Description CMT FOR CIB	P AT 7850	Type Plug	String Production, 8,355.6ftKB	Start Date 7/31/2006	Comment	
Cement Stage	es					
	7,830.0-7,850.0	ftKB				
Top Depth (ftKB)			7,830.0	Bottom Depth (f	KB)	7,850.0
Comment 20' CMT		-				
						j

C	D,	າ ເ	T 1	TE 1
	г,	აა	, , ,	



Casing String Production, 8								
Run Date		Casing Description	on			Set De	pth (ftKB)	0.055.0
Casing Comp	21/2006	Production		EWAN.				8,355.6
Casing Comp	Item D		Icon	OD (in)	Grade	Wt (lb/ft)	Len (ft)	Jts
KB			Casing (red)	5 1/2			11.00	
LTC CASING	CUT JT		Casing (red)	5 1/2	N80	17.00	16.82	
LTC CASING			Casing (red)	5 1/2	N80	17.00	7,881.46	180
DEPTH CONT	ROL COLLAR		Stage collar	5 1/2			1.05	
LTC CASING   Casing (red)   5 1/2   N80   17.00   398.78						9		
FLOAT COLLA			Float collar	5 1/2			1.10	
LTC CASING	SHOE JT		Casing (red)	5 1/2	N80	17.00	44.06	1
FLOAT SHOE			Casing shoe	5 1/2			1.30	
Coment Fluid	Comont Fluide							
Amount (sacks)	Class			C	om			
0117 FOR 018	2.442.51	2///2000 00 00						
Description	P A I 6118, Plu	g, 8/4/2006 00:00 Type	String	Start Date Co	omment	· · · · · · · · · · · · · · · · · · ·		
CMT FOR CIB		Plug	Production, 8,355.6ftKB	8/4/2006				
Cement Stage								
<stagenum>, Top Depth (ftKB)</stagenum>	6,100.0-6,118.0	ftKB		Bottom Depth (ftKB				
Top Deptil (IIVB)			6,100.0		,			6,118.0
Comment 2SX CMT								
Cement Fluid	8							
Amount (sacks)	Class			C	om			
CMT FOR CIB Description	P AT 4650, Plu	g, 11/9/2006 00:0	0  String	Start Date Co	omment			
CMT FOR CIB	P AT <b>4</b> 650	Type Plug	Production, 8,355.6ftKB	11/9/2006	omment			
Cement Stage	s							
	4,630.0-4,650.0	ftKB	***************************************	Battam Danth (#KD				
Top Depth (ftKB)			4,630.0	Bottom Depth (ftKB	)			4,650.0
Comment 2SX CMT								
Cement Fluid	S		Alf-Inval		.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			
Amount (sacks)	Class			C	om			
	P AT 3167, Plu	g, 1/29/2007 00:0		IStad Data IC	ommont.			
Description CMT FOR CIB	P AT 3167	Type Plug	String Production, 8,355.6ftKB	Start Date   Co 1/29/2007	omment			
Cement Stage	es							
	3,140.0-3,167.0	ftKB		In-u D (alan				
Top Depth (ftKB)			3,140.0	Bottom Depth (ftKB	)	•		3,167.0
Comment	AT		176.4					
DUMP 2SX CN Cement Fluid								
Amount (sacks)	Class			C	om			

CP 3 STA	TE	1		Casing and Cement Summary					
Coment 1ST CMT PLU	IG I	Plug 10/31	/2007 00:00						
Description		rug, rozon	Туре	String	Start Date Comment				
1ST CMT PLU Cement Stage			Plug	Production, 8,355.6ftKB	10/31/2007				
<stagenum>, Top Depth (ftKB)</stagenum>		33.0-3,140.0	)ftKB		Bottom Depth (ftKB)				
				2,883.0	Bollom Deptil (IIKB)	3,140.			
Comment PUMP 25SX (		SS C+2% C	ACL						
Cement Fluid Amount (sacks)	s	Class	I		Com				
2ND CMT PLI Description	JG,	Plug, 10/31	/2007 00:00 Type	String	Start Date Comment				
2ND CMT PLU Cement Stage	JG		Plug	Production, 8,355.6ftKB	10/31/2007				
<stagenum>.</stagenum>		9.0-2,110.0	)ftKB						
Top Depth (ftKB)				1,799.0	Bottom Depth (ftKB)	2,110.			
Comment PUMP 25SX (	CL AS	SS C +2% C	CACI			. , , , , , , , , , , , , , , , , , , ,			
Cement Fluid			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		To be in the second sec				
Amount (sacks)	-	Class			Com				
3RD CMT PLI	JG,	Plug, 10/31							
Description 3RD CMT PLU			Type Plug	String Production, 8,355.6ftKB	Start Date Comment 10/31/2007				
Cement Stage <stagenum>,</stagenum>		408 0#KB							
Top Depth (ftKB)	0.0-	400.011111		0.0	Bottom Depth (flKB)	100			
Comment				0.0	the control of the co	408.0			
40SX CLASS Cement Fluid		2% CACL	********		1111				
Amount (sacks)	Ĺ	Class			Com				
		·							

CP 3 STATE 1			,						
or o orall r		We	II Sun	nma	ry				/}
API/UWI 30-025-37845	Field Name	Area			or Ind Petroleur	n, Inc. LI	ounty EA	NM	rovince
Original KB Elevation (ft) 3,887.00	Fround Elevation (ft) 3,867	.00 KB-Ground Distance (ft)	20.00 Sp	ud Date 4/30/	/2006 00:00	Rig Release 5/20	2006 00:00	Completion	Date
Formations					Wellbore Wellbore Name	- In-	Ela T		VS Dir (°)
<pre><formname> Formation Name</formname></pre>	op Comment	- Manager - All Control of the Contr	w		Main Hole		file Type	Clark Data	End Date
	Sp Geninent				Size (in) 12 1/4	Act Top (ftKB) 0.0	Act Btm (ftKB) 1,983.4	Start Date	End Date
Other Picks	Top (ftKB)				7 7/8	1,983.4	8,355.6	1	
Perforations			<u> </u>					Shot Dens	
Date 11/14/2006 00:00		Туре		To	p (ftKB) 3,254.0	Btm (ft	(B) 3,263.0	(shots/ft)	Entered Shot Total 19
11/9/2006 00:00					3,346.0	L	3,356.0	2.0	21
8/1/2006 00:00					6.234.0		6.418.0	1.0	50

Date	Туре	Top (ftKB)	Btm (ftKB)	Shot Dens (shots/ft)	Entered Shot To
1/14/2006 00:00		3,254.0	3,263.0	2.0	1
1/9/2006 00:00		3,346.0	3,356.0	2.0	2
/1/2006 00:00		6,234.0	6,418.0	1.0	!
/31/2006 00:00		7,944.0	8,326.0	1.0	

Date	Com
5/31/2006	Perf 1 SPF: 7944, 7945, 7946, 7947, 7958, 8022, 8023, 8024, 8025, 8026, 8028, 8029, 8030, 8031, 8032, 8033, 8034, 8035, 8042, 8043, 8044, 8045, 8046, 8047, 8048, 8049, 8050, 8114, 8126, 8132, 8133, 8134, 8135, 8136, 8142, 8143, 8210, 8211, 8232, 8233, 8234, 8235, 8238, 8239, 8243, 8244, 8245, 8261, 8262, 8269, 8270, 8271, 8274, 8281, 8282, 8283, 8307, 8311, 8312, 8318, 8321, 8322, 8324, 8326. Total of 65 holes.
8/1/2006	Perf 1 SPF as follows, 6234, 35, 36, 40, 42, 45, 46, 47, 48, 49, 59, 60, 61, 62, 65, 66, 67, 68, 69, 77, 87, 88, 89, 90, 91, 95, 96, 97, 98, 6300, 01, 02, 03, 12, 64, 65, 68, 69, 70, 71, 85, 86, 87, 91, 6410, 11, 12, 13, 15, 18. 50 Selections = 50 holes.
8/4/2006	WELL TA

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## **Tubing and Rods Summary**

API/UWI	Field Name	Area	Operator		County		State/Province
30-025-37845			Texland Pe	troleum, Inc.	LEA		NM
Original KB Elevation (ft) Grou	und Elevation (ft)	Spud Date		Rig Release Date		Completion	Date
3,887.00	3,867.	00 4/30/2006 0	0:00	5/20/2006	00:00		

Location			
East/West Distance (ft)	East/West Reference	North/South Distance (ft)	North/South Reference
1.	,005.0 E	1	,229.0 S
Surface Legal Location			
Linit D Cont 2 T17C D26E			

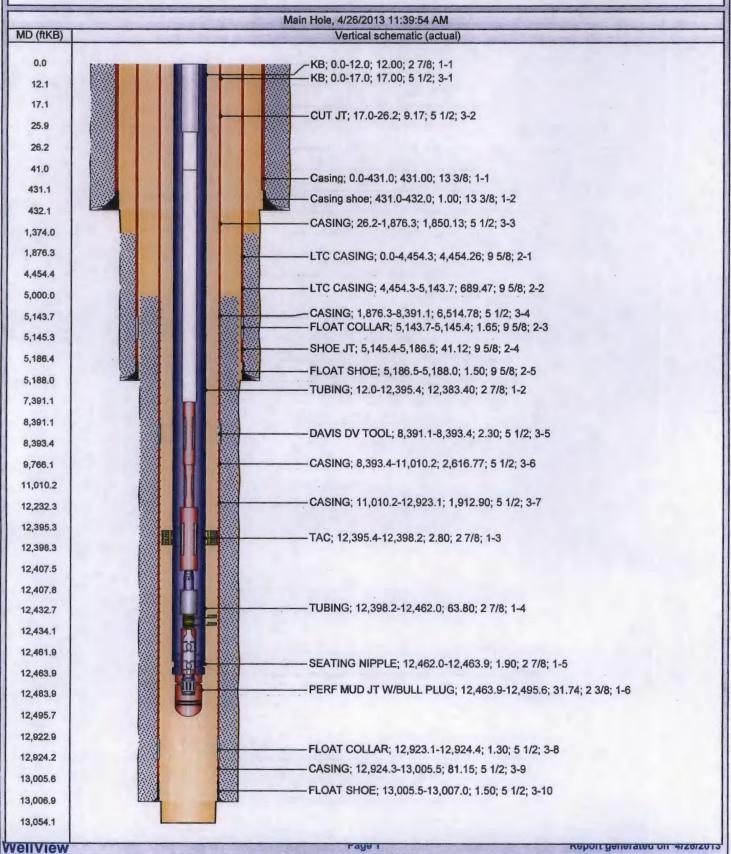
Tubing	Components							
OD (in)	Item Des	Len (ft)	Jts	Btm (ftKB)	Des	Run Date	Pull Date	Set Depth (ftKB)

Rod Co	mponents							
OD (in)	Item Des	Len (ft)	Jts	Btm (ftKB)	Rod Des	Run Date	Pull Date	Set Depth (ftKB)

Other In Hole					
Des	Run Date	Pull Date	Top (ftKB)	OD (in)	Com
PBTD	5/31/2006		8,350.0	4.9	
CIBP	7/31/2006		7,850.0	4.9	
CIBP	8/4/2006		6,118.0	4.9	
CIBP	11/9/2006		4,650.0	4.9	
CIBP	11/14/2006		3,320.0	4.9	
CIBP	1/29/2007		3,167.0	4.9	

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-EDERAL 3#			We	llbore	Schen	nati	ic					1
API/UWI 30-025-37456		Operator Texland Petro	oleum-Hobbs, LLC	Field Name SHOE B		Area		Cou			State/Province NM	"-1
Original KB Elevation (ft)	3,885.00	Ground Elevation (ft)	3,868.00 Spu	d Date 10/9/2	2005 00:00		Rig Release Date 12/5/200	05 00:	00	Completion 2	Date 2/9/2006 00:00	
Surface Legal Location M-SEC 3 17S-36E					North/South Dis	stance (	(ft) 330.0 S	S Ref	East/We:	st Distance (ft)	700.0 W	W Ref



## FEDERAL 3 # 1



API/UWI 30-025-37456		Operator Texland F	Petroleum-Hot	Field Name		Area		County	State/Province	9
Original KB Elevation	n (ft) 3,885.00	Ground Elevation (ft)	3,868	.00 Spud Date .00 10/9/2	005 00:00		Rig Release Date 12/5/200	5 00:00	Completion Date 2/9/2006 00	:00
						_				
Casing String SURFACE, 43										
	11/2005	Casing Descrip SURFACE	otion						Set Depth (ftKB)	432.0
Casing Compo	item D	96		Icon	OD (in)		Grade	Wt (lb/ft)	Len (ft)	Jts
Casing	Keni D	E3		Casing (red)	13 3	3/8		48.		10
Casing shoe				Casing shoe (old)	13 3	3/8		48.	.00 1.00	1
INTERMEDIAT	E. 5.188.0ftKB				<u> </u>					
Run Date	25/2005	Casing Descrip			111				Set Depth (ftKB)	5,188.0
Casing Compo	onents									
LTO OAGING	Item D	es		Icon	OD (in)		Grade	Wt (lb/ft)	Len (ft)	Jts 404
LTC CASING			- 1	Casing (red)	9 5	- 1	J55	40.	1 ' 1	104
LTC CASING				Casing (red)	9.5	5/8	HCK	40.	00 689.47	16
Comont										
SURFACE, Ca	sing, 10/11/200		Tour-		Total Data	10-				
SURFACE		Type Casing	String	ACE, 432.0ftKB	Start Date 10/11/2005		mment			
Cement Stage	s	Todoling	TOOK!	102, 102.01110	110/11/2000		4444			
1, 0.0-432.0ftK										
Top Depth (ftKB)				0.	Bottom Depth (ft	tKB)				432.0
Comment										
		5.65 POZ w/6%	gel,2% CaCl	, 25 # FC sx FB 2	50 sxs CL C w	vith	2% CaCl. 25 FC	. Circ 120 sx t	o pit. Plug held.	
Cement Fluids Amount (sacks)	Class					Co	m			
0										
INTERMEDIAT	E, Casing, 10/2	25/2005 00:00	-							
Description INTERMEDIAT	E	Type Casing	String INTER 5,188.	MEDIATE,	Start Date 10/25/2005	1	mment			•
Cement Stage	s	<u> </u>	10,100.	on to						
1, 1,374.0-5,18										
Top Depth (ftKB)				4.074	Bottom Depth (ff	tKB)				F 400 0
Comment				1,374.	0					5,188.0
	with 1450 sxs	35:65 POZ "C" +	+ 6% gel + 5	% NACL + 1/4# FC	sx FB 200 sx	rs "C	C" + 1% CaCL2 I	PD at 14:30 w/	1465 psi. Float held.	. Circ
Cement Fluids										
Amount (sacks)	Class					Co	m			
PRODUCTION	, Casing, 12/5/2		IC		I Plant D-t-	10-				
Description PRODUCTION		Type Casing	String PROD 13,007	UCTION, 7.0ffKB	Start Date 12/5/2005	Cor	mment			
Cement Stage	s									
	5,000.0-13,007.	OftKB								
Top Depth (ftKB)				5,000.	Bottom Depth (ft	tKB)				13,007.0
Comment Cmt w/1500sx	POZ/C/CSF w/:	3#   CM -1 + 6%	FI -25 +7%			k) -	Tail in with 1500	sx POZ/C/CSE	w/5% salt +3# LCM	
FL-25 + <b>7</b> % FL			/ / / /	027, 1270 3011 ()	,					. 0,0
Cement Fluids										
Amount (sacks)	Class					Cor	m			

## FEDERAL 3 # 1



Casing Components							
lter .	m Des	Icon	OD (in)	Grade	Wt (lb/ft)	Len (ft)	Jts
FLOAT COLLAR		Float collar	9 5/8			1.65	
SHOE JT		Casing (red)	9 5/8	HCK		41.12	1
FLOAT SHOE		Casing shoe (old)	9 5/8			1.50	
PRODUCTION, 13,007.0ftk	В						
Run Date	Casing Description				Set D	epth (ftKB)	40.005
12/4/2005	PRODUCTION						13,007.0
Casing Components							
	m Des	lcon	OD (in)	Grade	Wt (lb/ft)	Len (ft)	Jts
КВ		Casing (red)	5 1/2			17.00	
CUT JT		Casing (red)	5 1/2	P110	17.00	9.17	
CASING		Casing (red)	5 1/2	P110	5.50	1,850.13	43
CASING		Casing (red)	5 1/2	N80	5.50	6,514.78	148

FEDERAL 3 # 1



Casing Components						
Item Des	Icon	OD (in)	Grade	Wt (lb/ft)	Len (ft)	Jts
DAVIS DV TOOL	Stage collar	5 1/2			2.30	
CASING	Casing (red)	5 1/2	N80	5.50	2,616.77	60
CASING	Casing (red)	5 1/2	P110	5.50	1,912.90	44
FLOAT COLLAR	Float collar	5 1/2			1.30	1
CASING	Casing (red)	5 1/2	P110	5.50	81.15	2
FLOAT SHOE	Casing shoe	5 1/2			1.50	

FEDERAL 3 # 1			Well Su	ımma	ry					7
API/UWI		Name	Area	Operato	r	11-55- 110	County		State/Pro	ovince
30-025-37456 Original KB Elevation (ft)	SHO Ground Elevation (ft	OE BAR SE	ound Distance (ft)	Spud Date	nd Petroleum-	Rig Relea	se Date		NM Completion Da	ate
3,885.00 Surface Legal Location		3,868.00	17.00 {	10/9/ North/South Di	2005 00:00 stance (ft)	N/S F	/5/2005 Ref Ea	00:00 st/West Dista	ance (ft)	006 00:00 EM Ref
M-SEC 3 17S-36E						330.0 S				700.0 W
Farmatiana					Wellbore					
<pre><formname> Formation Name</formname></pre>	Top Comment				Wellbore Name Main Hole	e [f	Profile Typ	е		VS Dir (°)
	Op Comment				Size (in) 17 1/2	Act Top (ftKB	) Act	432.0	Start Date	End Date
Other Picks	Ť	op (ftKB)			12 1/4	432		5,188.0		
		op (lato)			8 3/4	5,1 <b>8</b> 8.		13,007.0		
					4 3/4	13,007	.0	13,054.0		
					L					
Perforations	1					T			Shot Dens	
Date		Т	уре	Top	(ftKB)	Btrr	(ftKB)		(shots/ft) E	ntered Shot Total
				l		<u> </u>				
<u></u>										
General Notes										· · · · · · · · · · · · · · · · · · ·
Date					Com					
1										

WellView

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FΕ	u	К	м	Ŀ	.5	#	1

## **Tubing and Rods Summary**

API/UWI		Field Name	Are	a	Operator		County		State/Province	
30-025-37456		SHOE BAR SE			Texland Pet	roleum-Hobbs, LLC	LEA		NM	
Original KB Elevation (ft)	Gro	und Elevation (ft)		Spud Date		Rig Release Date		Completion	Date	
	3,885.00	3	,868.00	10/9/2005 0	0:00	12/5/2005	00:00	2	2/9/2006 00:00	

Location		and the same of th		
East/West Distance (ft)		East/West Reference	North/South Distance (ft)	North/South Reference
	700.0	W	33	0.0 S
Surface Legal Location				
M-SEC 3 17S-36E				

Tubing	Components							
OD (in)	Item Des	Len (ft)	Jts	Btm (ftKB)	Des	Run Date	Pull Date	Set Depth (ftKB)
2 7/8	KB	12.00		12.0	TUBING STRING	10/29/2009		12,495.6
2 7/8	TUBING	12,383.4 0	388	12,395.4	TUBING STRING	10/29/2009		12,495.6
2 7/8	TAC	2.80		12,398.2	TUBING STRING	10/29/2009		12,495.6
2 7/8	TUBING	63.80	2	12,462.0	TUBING STRING	10/29/2009		12,495.6
2 7/8	SEATING NIPPLE	1.90		12,463.9	TUBING STRING	10/29/2009		12,495.6
2 3/8	PERF MUD JT W/BULL PLUG	31.74		12,495.6	TUBING STRING	10/29/2009		12,495.6

Item Des	Len (ft)	Jts	Btm (ftKB)	Rod Des	Run Date	Pull Date	Set Depth (ftKE
POLISH ROD	26.00		26.0	ROD STRING	10/29/2009		12,483.9
FG ROD SUBS	15.00		41.0	ROD STRING	10/29/2009		12,483.9
FG RODS W/SHT COUPLG	7,350.00	196	7, <b>3</b> 91.0	ROD STRING	10/29/2009		12,483.9
RODS W/SHT COUPLG	2,375.00	95	9,766.0	ROD STRING	10/29/2009		12,483.9
RODS W/FHT COUPLG	2,466.40	97	12,232.4	ROD STRING	10/29/2009		12,483.9
K-BARS W/FHT COUPLG	175.00	7	12,407.4	ROD STRING	10/29/2009		12,483.9
SHEAR TOOL	0.50		12,407.9	ROD STRING	10/29/2009		12,483.9
K-BARS W/FHT COUPLG	25.00	1	<b>12,43</b> 2.9	ROD STRING	10/29/2009		12,483.9
LIFT SUB	1.00		12,433.9	ROD STRING	10/29/2009		12,483.9
	POLISH ROD FG ROD SUBS FG RODS W/SHT COUPLG RODS W/SHT COUPLG RODS W/FHT COUPLG K-BARS W/FHT COUPLG SHEAR TOOL K-BARS W/FHT COUPLG	POLISH ROD 26.00 FG ROD SUBS 15.00 FG RODS W/SHT COUPLG 7,350.00 RODS W/SHT COUPLG 2,375.00 RODS W/FHT COUPLG 2,466.40 K-BARS W/FHT COUPLG 175.00 SHEAR TOOL 0.50 K-BARS W/FHT COUPLG 25.00	POLISH ROD FG ROD SUBS FG RODS W/SHT COUPLG RODS W/SHT COUPLG RODS W/FHT COUPLG CHARLES W/FHT	POLISH ROD       26.00       26.00         FG ROD SUBS       15.00       41.0         FG RODS W/SHT COUPLG       7,350.00       196       7,391.0         RODS W/SHT COUPLG       2,375.00       95       9,766.0         RODS W/FHT COUPLG       2,466.40       97       12,232.4         K-BARS W/FHT COUPLG       175.00       7       12,407.4         SHEAR TOOL       0.50       12,407.9         K-BARS W/FHT COUPLG       25.00       1       12,432.9	POLISH ROD         26.00         26.00         26.0 ROD STRING           FG ROD SUBS         15.00         41.0 ROD STRING           FG RODS W/SHT COUPLG         7,350.00         196 7,391.0 ROD STRING           RODS W/SHT COUPLG         2,375.00         95 9,766.0 ROD STRING           RODS W/FHT COUPLG         2,466.40         97 12,232.4 ROD STRING           K-BARS W/FHT COUPLG         175.00         7 12,407.4 ROD STRING           SHEAR TOOL         0.50         12,407.9 ROD STRING           K-BARS W/FHT COUPLG         25.00         1 12,432.9 ROD STRING	POLISH ROD         26.00         26.0         ROD STRING         10/29/2009           FG ROD SUBS         15.00         41.0         ROD STRING         10/29/2009           FG RODS W/SHT COUPLG         7,350.00         196         7,391.0         ROD STRING         10/29/2009           RODS W/SHT COUPLG         2,375.00         95         9,766.0         ROD STRING         10/29/2009           RODS W/FHT COUPLG         2,466.40         97         12,232.4         ROD STRING         10/29/2009           K-BARS W/FHT COUPLG         175.00         7         12,407.4         ROD STRING         10/29/2009           SHEAR TOOL         0.50         12,407.9         ROD STRING         10/29/2009           K-BARS W/FHT COUPLG         25.00         1         12,432.9         ROD STRING         10/29/2009	POLISH ROD         26.00         26.0         ROD STRING         10/29/2009           FG ROD SUBS         15.00         41.0         ROD STRING         10/29/2009           FG RODS W/SHT COUPLG         7,350.00         196         7,391.0         ROD STRING         10/29/2009           RODS W/SHT COUPLG         2,375.00         95         9,766.0         ROD STRING         10/29/2009           RODS W/FHT COUPLG         2,466.40         97         12,232.4         ROD STRING         10/29/2009           K-BARS W/FHT COUPLG         175.00         7         12,407.4         ROD STRING         10/29/2009           SHEAR TOOL         0.50         12,407.9         ROD STRING         10/29/2009           K-BARS W/FHT COUPLG         25.00         1         12,432.9         ROD STRING         10/29/2009

Other In Hole					
Des	Run Date	Pull Date	Top (ftKB)	OD (in)	Com

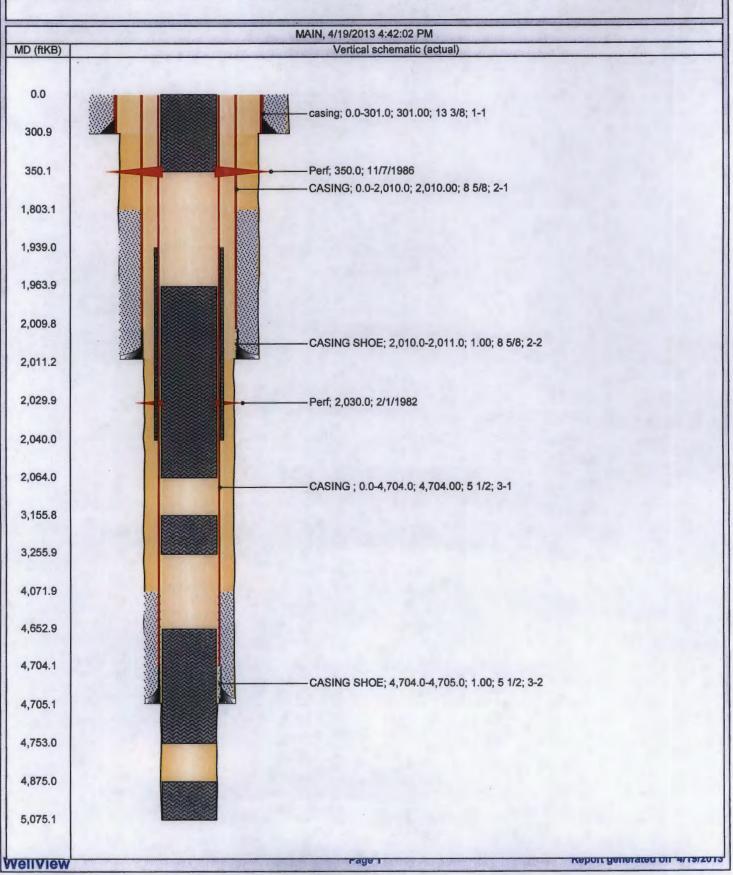
WellView

Page 1

Report generated on 4/17/2013

FEDERAL 3 # 1	Tub	ing and Rods	Summary			
Location						
Rod Components  OD (in)   Item Des	Len (ft)	Jts Btm (ftKB)	Rod Des	Run Date	Puli Date	Set Depth (ftKE
1 1/4 RHBC HVR PUMP	30.00	1 12,463.9 ROD S		10/29/2009		12,483.9
1 1/4 GAS ANCHOR	20.00	1 12,483.9 ROD S	IRING	10/29/2009		12,483.9
Other In Hole						
		,				
<b>VellView</b>		Page 2		Repo	rt generated o	n 4/17/201

WEST LOVING	STON 2	6	V	Vel	lbore Schen	nati	ic					
API/UWI 30-025-03865			Operator TEXACO PRODUCING	1	Field Name LOVINGTON SAN ANDRES	Area			County LEA		State/Pro	vince
Original KB Elevation (ft)	3,887.00	Ground	Elevation (ft)	Spud	Date 3/21/1945 00:00		Rig Release Date	2		Completion	Date	
Surface Legal Location L-3-17S-36E	CIA				North/South Dis	stance (	(ft) 1,980.0	N/S R	ef East/Wes	st Distance (ft)		660.0 W



## **WEST LOVINGTON 26**



API/UWI		Operator	DUCINO	Field Name	i	rea	County LEA	State/Province	е
30-025-03865 Original KB Elevation	n (ft)	TEXACO PRO Ground Elevation (ft)		LOVINGTO Spud Date	N SAN ANDRES	Rig Release Date		npletion Date	
onga. ta allo rasio	3,887.00				945 00:00				
Casing Strings	S								
SURFACE, 30	1.0ftKB								
	26/1945	Casing Description SURFACE					Set D	Depth (ftKB)	301.0
Casing Compo							15 12 (1) 461	1 00 (6)	Jts
casing	Item De	9\$	Casir	ng (red)	OD (in) 13 3	Grade //	Wt (lb/ft) 48.00	Len (ft) 301.00	JIS
	E, 2,011.0ftKB		100011		1				
Run Date	E, 2,011.01tKB	Casing Description					Set D	Depth (ftKB)	
	6/1945	INTERMEDIATE	<u> </u>						2,011.0
Casing Comp					OD (in)	Cento	IAH (IbAs)	Lon (ft)	Jts
CASING	Item De	38	Casir	ng (red)	OD (in) 8 5	Grade /8	Wt (lb/ft) 24.00	Len (ft) 2,010.00	JIS
CASING SHOE	=		- 1	ng shoe	8 5	l .		1.00	
0,101110 01101	-		(old)			,			
Coment									
	sing, 3/26/1945		China		Start Date	I Commont			
Description SURFACE		Type Casing	String SURFACE,	301.0ftKB	3/26/1945	Comment			
Cement Stage	S	Todog			1	I			
<stagenum>,</stagenum>									
Top Depth (ftKB)					Bottom Depth (ft	KB)			201.0
Comment				0.	.0				301.0
CMT W/150SX									
Cement Fluids	3								
Amount (sacks)	Class					Com			
	E, Casing, 4/6/		louis s		I Charl Data	I Commont			
Description INTERMEDIAT	Έ	Type Casing	String INTERMED	DIATE.	Start Date 4/6/1945	Comment			
			2,011.0ftKE						
Cement Stage									
	1,803.0-2,011.0f	tKB							
Top Depth (ftKB)				1,803.	Bottom Depth (ft	KB)			2,011.0
Comment				1,000	<u>~1</u>				_,
150SX CMT									
Cement Fluids						Cam			
Amount (sacks)	Class			-		Com			
PRODUCTION	l, Casing, 4/23/1	1945 00:00							
Description	_	Туре	String		Start Date	Comment			
PRODUCTION		Casing	PRODUCT 4,705.0ftKE		4/23/1945				
Cement Stage			4,705.01INE		1	<u> </u>			
_	s 4,072.0-4,705.01	HKR							
Top Depth (ftKB)	+,072.0-4,700.01				Bottom Depth (ft	KB)			
				4,072.	0				4,705.0
Comment 150SX									
Cement Fluids	<del></del>						-		
Amount (sacks)	Class					Com			
	3, 5/19/1945 00:								
Description cmt plug		Type Plug	String		Start Date 5/19/1945	Comment			
onk plug		I rug			1 3/19/1943	I			

WEST LO	VINGTO	N 26	Casing and C	ement S	ummaı	ry		
Casing String		7D						
Run Date		Casing Descrip				Set D	Depth (ftKB)	4,705.0
Casing Comp	23/1945 conents	PRODUCT	ION					4,700.0
		em Des	lcon	OD (in)	Grad	de Wt (lb/ft) 17.00	Len (ft) 4,704.00	Jts
CASING SHO	E		Casing (red) Casing shoe (old)	5 1 5 1		17.00	1.00	
				o de de constante				
Camant Stan	06							
<stagenum>,</stagenum>	4,875.0-5,07	75.0ftKB		Inches Death (6	(KD)			
Top Depth (ftKB)			4,875	Bottom Depth (fi	(NB)			5,075.0
Comment								
Cement Fluid	s							
Amount (sacks)	Class				Com			
CMT SQZ, Sq	U10070 2/4/4	1983 00:00			<del></del>			
Description CMT SQZ	ueeze, zi ii i	Type Squeeze	String PRODUCTION,	Start Date 2/1/1982	Comment			
			4,705.0ftKB					
Cement Stag <stagenum>,</stagenum>		40 0#KB						
Top Depth (ftKB)	1,333.0-2,0	40.01tKB		Bottom Depth (f	KB)			
Comment			1,939	9.0				2,040.0
SQZ W/250S		LOWED BY 50SX T	HIXSET W/3% CACL					
Cement Fluid Amount (sacks)					Com			
Amount (sacks)	Class				COIII			
CMT PLUG,	Plug, 11/6/19	986 01:00						
Description CMT PLUG		Type Plug	String	Start Date 11/6/1986	Comment			
Cement Stag	es	[1 lug		11/0/1000	1	Annual Control of the Annual Control of the Annual Control of the		
<stagenum>,</stagenum>		53.0ftKB						
Top Depth (ftKB)			4,653	Bottom Depth (f	tKB)			4,753.0
Comment						*************		
20SX Cement Fluid	le .							
Amount (sacks)	Class				Com			
CMT PLUG 2 Description	, Plug, 11/6/		Istrian	Start Date	Comment	ALLE STATE OF STATE O		
CMT PLUG 2		Type Plug	PRODUCTION, 4,705.0ftKB	11/6/1986	Continent			
		•						

WEST LO	VINGTON		Casing and Ce	ment S	ummary	
,						
Coment Stand						
<stagenum>, Top Depth (ftKB)</stagenum>	3,156.0-3,256.0	нкв		Bottom Depth (ft	KB)	
Comment			3,156.0			3,256.0
20SX						
Cement Fluid Amount (sacks)	S Class				Com	
CMT PLUG 3, Description	Plug, 11/6/1986	6 03:00 Type	String	Start Date	Comment	
CMT PLUG 3		Plug	PRODUCTION, 4,705.0ftKB	11/6/1986		
Cement Stage		L	1,7 001011112	L	I	
<stagenum>, Top Depth (ftKB)</stagenum>	1,964.0-2,064.0	ftKB		Bottom Depth (ft	KB)	
			1,964.0			2,064.0
Comment 20SX						
Cement Fluid Amount (sacks)	S Class				Com	
					Odii	
CMT PLUG 4, Description	Plug, 11/7/1986	Type	String	Start Date	Comment	
CMT PLUG 4		Plug	PRODUCTION, 4,705.0ftKB	11/7/1986	Comment	
Cement Stage			1,7 00.01010	L.		V
<stagenum>, Top Depth (ftKB)</stagenum>	0.0-350.0ftKB			Bottom Depth (ft	KB)	
Comment			0.0	) Bottom Bopar (to		350.0
240SX						
Cement Fluid Amount (sacks)	S Class				C	
Amount (sacks)	Ciass				Com	
	_					

TEXACO PRODUCING   Let	Delta   Comment   Commen	December   Comment   Com	EST LOVING			Well S	Summary					
Specific Companies   Compani		Perforations   Type   Top (8/88)   Serci Dans   Serci Dans   Serial Dans   Serci Dans   Serial Dan					Operator	PRODUCI	NG LE			
North-South Distance (f)   1,880.0   S	North-South Distance (ft)	North-South Distance (f)   1,980.0   S   East-West Distance (f)   EW	ginal KB Elevation (ft)	Ground Elevation			Spud Date					
Wellbore   William   Frontie Type   Top (MKB)   Act Birm (MKB)   Start Date   End D.	Wellbore   Welson Name   Profile Type   Profile Type   Welson Name   Profile Type   Wellbore   Wilson Name   Profile Type   VSE   Wilson Name   Profile Type   VSE   MAIN   Name   Nam	rface Legal Location	00				ce (ft)		East/West I	Distance (ft)	EW F	
Comment   Comm	Orli Top   Comment   MAN   Size (n)   Act Top (MCB)   Act Top (MCB)   Start Date   End Dit	Orli   Top   Comment   MAIN   Size (n)   Act 10p (RKB)   Act 80m (RKB)   Start Date   End Date   Top (RKB)   Act 80m (RKB)   Start Date   End Date   Top (RKB)   Act 80m (RKB)   Start Date   End Date   Top (RKB)   Act 80m (RKB)   Start Date   End Date   Top (RKB)   Act 80m (RKB)   Start Date   End Date   Top (RKB)   Act 80m (RKB)   Start Date   End Date   Top (RKB)   Act 80m (RKB)   Start Date   End Date   Top (RKB)   Act 80m (RKB)   Start Date   End Date   Top (RKB)   Start Date   Top (RKB)   Start Date   Top (RKB)   Start Date   Top (RKB)   Start Date   Top (RKB)   Start Date   Top (RKB)   Start Date   Top (RKB)   Start Date   Top (RKB)   Start Date   Top (RKB)   Start Date   Top (RKB)   Start Date   Top (RKB)   Start Date   Top (RKB)   Start Date   Top (RKB)   Start Date   Top (RKB)   Start Date   Top (RKB)   Top (	3-17S-36E					1,9	80.0 S			660.0 W
Commans	Commans	Commans	4									
MAIN   Size (n)   Act Top (ft/SB)   Act Birn (ft/SB)   Start Date   End Dute   End Polity	MAIN   Size (n)   Act Top (ft/RB)   Add Bim (ft/RB)   Start Daile   End Date   End Dat	MAIN   Size (n)   Act Top (fit(8)   Start Date   End Date					W	elibore elibore Name	Prof	ile Type		VS D
17 1/2	17 1/2	17 1/2		Orill Top Commer	nt				of Top (#I(D)	A at Dim /6I/E	Cted Do	to End Do
12 1/4   301.0   2,011.0   4,705.0   4 3/4   4,705.0   5,075.0	12 1/4   301.0   2.011.0   7 7/8   2.011.0   4.705.0   4.314   4.705.0   5.075.0	12 1/4   301.0   2.011.0   4.705.0   4.314   4.705.0   5.075.0	ther Picks									le Eliu Da
A 3/4	A 3/4	4 3/4			Top (ftKB)			12 1/4			1	
Perforations	Perforations	Perforations										
Type   Top (tktB)   Blm (tktB)   Shot Dens (shots/ft)   Entered Shot	Type   Top (ftKB)   Blm (ftKB)   Shot Dans (shots/ft)   Entered Shot	Type   Top (RKB)   Blm (RKB)   Shot Dans (shots#ft)						4 3/4	4,705.0	5,075	.0	
Date   Type   Top (tkB)   Blm (tkB)   Shot Dens (shots/ft)   Entered Shot	Type   Top (ftK8)   Blm (ftK8)   Shot Dans (shots/ft)   Entered Shot	Type   Top (fix8)   Bim (fix8)   Shot Dans (shots/fit)										
Type   Top (tktB)   Blm (tktB)   Shot Dens (shots/ft)   Entered Shot	Type   Top (ftKB)   Blm (ftKB)   Shot Dans (shots/ft)   Entered Shot	Type   Top (fix8)   Blm (fix8)   Shot Dans (shotsfft)										
Top (MKB)   Blm (MKB)   Shot (MKB)   Entered Shot	Top (mk8)   Btm (mk8)   Sentered Shot	Top (MKB)   Bith (MKB)   Schots#ft)   Entered Shot 1	erforations								Shot Dens	T
2,030.0   2,030.0   2,030.0     2,030.0	2,030.0   2,030.0   2,030.0     2,030.0	2,030.0   2,03				Туре	Top (fth		Btm (ftl			Entered Shot 1
General Notes  Date  Date  WELL CONVERTED TO INJECTOR	General Notes  Date  Date  WELL CONVERTED TO INJECTOR	General Notes  Date  Date  WELL CONVERTED TO INJECTOR										
Date	Date	Date										
1/27/1963 WELL CONVERTED TO INJECTOR	1/27/1963 WELL CONVERTED TO INJECTOR	1/27/1963 WELL CONVERTED TO INJECTOR										
11/7/1986 WELL P&A	11/7/1986 WELL P&A	11/7/1986 WELL P&A					Co	m				
			Date 2/27/1963			ECTOR	Co	m				
			Date 2/27/1963			ECTOR	Co	m				
			Date 2/27/1963			ECTOR	Co	m				
			Date 2/27/1963			ECTOR	Co	m				
			Date 2/27/1963			ECTOR	Co	m				
			Date 2/27/1963			ECTOR	Co	m				
			Date 2/27/1963			ECTOR	Co	m				
			Date 2/27/1963			ECTOR	Co	m				

			Tu	ping	and R	ods Sur	nmary				
NPI/UWI 30-025-03865		Field Name	N SAN ANDRE	Area		Operator TEXACO	PRODUCING		Α	State/Pro	ovince
Original KB Elevation (ft)	3,887.00 Groun	d Elevation (ft			ud Date 3/21/19	45 00:00	Rig Release I	Date	Co	mpletion Date	
ocation											
ast/West Distance (ft)	660	East/Wes	st Reference		<u></u>	North/South Dista	ance (ft)	1,980	North/South F	Reference	, , , , , , , , , , , , , , , , , , , ,
urface Legal Location 3-17S-36E											<del>,</del> , -, ., ., ., ., ., ., ., ., ., ., ., ., .,
ubing Compo	nents										
OD (in)	Item Des		Len (ft)	Jts	B(m (ftKB)		Des		Run Date	Pull Date	Set Depth (ftf
	, ,,			<u> </u>				<u> </u>			
									.,		
od Compana	nto.										
	ints		Len (ft)		Btm (ftKB)		Rod Des		Run Date	Pull Date	Set Depth (fi
			Len (ft)	Jts	Btm (ftKB)		Rod Des		Run Date	Pull Date	Set Depth (fi
			Len (ft)	Jts	Bim (ftKB)		Rod Des		Run Date	Pull Date	Set Depth (f
			Len (ft)	Jts	Btm (ftKB)		Rod Des		Run Date	Pull Date	Set Depth (i
			Len (ft)	Jts	Btm (ftKB)		Rod Des		Run Date	Pull Date	Set Depth (f
			Len (ft)	Jts	Btm (ftKB)		Rod Des		Run Date	Pull Date	Set Depth (i
			Len (ft)	Jts	Btm (ftKB)		Rod Des		Run Date	Pull Date	Set Depth (f
			Len (ft)	Jts	Btm (ftKB)		Rod Des		Run Date	Pull Date	Set Depth (I
			Len (ft)	Jts	Bim (ftKB)		Rod Des		Run Date	Pull Date	Set Depth (f
			Len (ft)	Jts	Btm (ftKB)		Rod Des		Run Date	Pull Date	Set Depth (f
			Len (ft)	Jts	Btm (ftKB)		Rod Des		Run Date	Pull Date	Set Depth (I
			Len (ft)	Jts	Btm (ftKB)		Rod Des		Run Date	Pull Date	Set Depth (i
			Len (ft)	Jts	Btm (ftKB)		Rod Des		Run Date	Pull Date	Set Depth (
			Len (ft)	Jts	Btm (ftKB)		Rod Des		Run Date	Pull Date	Set Depth (
			Len (ft)	Jts	Btm (ftKB)		Rod Des		Run Date	Pull Date	Set Depth (f
			Len (ft)	Jts	Bim (ftKB)		Rod Des		Run Date	Pull Date	Set Depth (fi
OD (in)			Len (ft)	Jts	Btm (ftKB)		Rod Des		Run Date	Pull Date	Set Depth (ft
OD (in)		ate	Len (ft)	Jts	Btm (ftKB)		Rod Des			Pull Date	Set Depth (ft
Other In Hole	Item Des	ate		Jts							Set Depth (fi
ob (in)	Item Des	ate		Jts							Set Depth (f
ther In Hole	Item Des	ate		Jts							Set Depth (i
ther In Hole	Item Des	ate		Jts							Set Depth (i
ther In Hole	Item Des	ate		Jts							Set Depth
ther In Hole	Item Des	ate		Jts							Set Depth (

Page 1

Report generated on 4/19/2013

WellView

#### STATE OF NEW MEXICO ENERGY AIG MINERALS DEPARTMENT

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344"4 FE	i	
FILE		
U.S.G.S.		
LAND CAF CE	Ĭ.	
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E 37 F 2 JT (0'4		
	P. O. BOX 2088	Form C-103
144.4.6	SANTA FE, NEW MEXICO 87501	Revised 10-1-73
FILE		Sa. Insicate Type of Lense
U.1.6.1.		State X Fre
LAND CAP CE		S. State Cit & Gas Lease No.
Obfev. Ce		
		B4119-8
SUNDRY	NOTICES AND REPORTS ON WELLS	
•		7. Unit Agreement Hanse 15.494
Str. T	water Injection	West Lovington Unit
, ficme of usernin		B. Farm of Lease Harre
Texaco Producing Inc.	2235/	
. Address 1: In-rator		9. Well No.
P. O. Box 728, Hobbs,	Nm 88240	26
. Lecation :: •e		10. Field and Fooi, or Visazat 1/01
т. 19	80 FEET FROM THE South LINE AND 660 FEET I	Lovington San Andres U
0417 ((**(*,	CO PERT PROD THE BORGET LINE AND GOO PEET	
West	. 3 TOWNSHIP 17S RANGE 36E	
THE HEST LINE, SECTION	TOWNSHIP TID RANCE DOLL N	( ) [ [ [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [
	7777	- viiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiii
MILLIAN STATES	NNN 15 Flevetton (Show whereas "IE RT, GR, etc.)	11: County (\)\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\
	15. Elevation (Show whether DF, RT, GR, etc.) 3887' DF	Lea
Check A	( ) ( ) ( )	Lea
Check A	3887' DF  ppropriate Box To Indicate Nature of Notice, Report or	Lea
	ppropriate Box To Indicate Nature of Notice, Report of Subsequ	Lea Other Data
	ppropriate Box To Indicate Nature of Notice, Report of Subsequ	Lea Other Data ENT REPORT CF:
NOTICE OF INT	ppropriate Box To Indicate Nature of Notice, Report of Subsequ	Lea Other Data ENT REPORT OF:
NOTICE OF INT	PLUE AND ABANDON ARMEDIAL MORE  COMMINES OFFICE OFFISHING OFFISH	Lea Other Data ENT REPORT CF:
NOTICE OF INT	3887 DF  ppropriate Box To Indicate Nature of Notice, Report of SUBSECU  PLUC AND ABANDON ACMEDIAL HORK  COMMINCE DRILLING OPHS.  CHANGE PLANS CASING TEST AND CEMENT JOB	Lea Other Data ENT REPORT OF:
NOTICE OF INT	PLUE AND ABANDON ARMEDIAL MORE  COMMINES OFFICE OFFISHING OFFISH	Lea Other Data ENT REPORT OF:

Spot 20 sx class H neat plugs 4753-4653, 3256-3156, 2064-1964'. Perf 5½" csg 6 350' with 2 shots. Remove BOP. Install cap flange. Break circ. from 5½" csg to 8 5/8" csg (between 8 5/8"-13 3/8"). Pump 240 sxs class H neat down 5½" csg. Circ. 25 sxs to pit thru 8 5/8". Remove csg head. Install dry hole marker. Job witnessed by Ray Smith of the NMOCO. Well changed from SI-INJ to P&A effective 11/07/86.

8. I here year a section shows an area and complete	e to the best of my knowledge and belief.	
1 - 1 R .		
unio SII Diccoung	District Admin. Supr.	DATE11/24/86
ADVE of Junior the Fresh	OIL & GAS INSPECTOR	DEC 1 9 1988

/	SIAI	٤٥٢	Nº AA	MÉXICO	
'ÉNEAG'	140	V 4	EFALS	DEPARTME	N.

- CONSERVATION DIVISION	Form C-103
P. O. BOX 2088  SANTA FE, NEW MEXICO 87501	Revised 10-1-78
FILE	Sa. Indicate Type of Lanse
U.S.C.1.	State X Fee
OPERA-CE	5. State Cili & Gas Lease No.
	B4119-8
SUNDRY NOTICES AND REPORTS ON WELLS	
	7. Unit Agreement riame
MELLE MELL OTHER STYLCLIGH	West Lovington Unit
2, Name of Common	B. Fum of Lease Hanse
Texaco Producing Inc.	9. Well No.
P. O. Box 728, Hobbs, NM 88240	26
4. Location 2: **:	10. Field and Fooi, or Vildcat
VANT LETTER L 1980 PEET FROM THE South LINE AND 660 FEET FROM	Lovington San Andres Wes
THE West LINE, SECTION 3 TOWNSHIP 17S MARCE 36E NAPA.	
15. Elevation (Show whether UF, RT, GR, etc.)	12. County
All	Lea
Check Appropriate Box To Indicate Nature of Notice, Report or Oth	ner Data
	REPORT OF:
PERFORM DENCE 4- WORK	ALTERING CASING
PULL OR ALTER :- SING CHARGE PLANS CASING TEST AND CEMENT JOB	PLUS AND ABANDORMENT
PULL OR ALTER COSING CHANGE PLANS CASING TEST AND CEMENT JOB	П
OTMER	
17. Describe Processed or Completed Operations (Clearly state all pertinent describs, and give pertinent dates, including work) SEE FULE 1903.	estimated date of starting any proposed
1) Move in, Rig up. Install BOP.	
<ul><li>2) TOH with 2 3/8" IPC TUBING AND Baker Lokset packer.</li><li>3) TIH w/workstring.</li></ul>	
4) Load hole with 9.5 ppg mud.	
5) Spot 20 sacks cement from 4654' to 4754' (5 1/2" casing set at 470	4')/
6) Spot 20 sacks cement from 3150' to 3250' (base of salt at 3150').	•
7) Spot 20 sacks cement from 1961' to 2061' (8 5/8" casing set at 201	ı').
8) Spot 20 sacks cement from 251' to 351' (13 3/8" casing set at 301'	).
9) Spot 10 sacks cement at surface.	
10) Install dry hole marker and clean location.	1 1 3 2 1 1 2
* WICH NEED TO PERF SE F8 8 @ 350	E DRING
GEMENT TO SURFACE	
Gemen 10 SURPACE	
THE TO SELECT A MINUTED CA.  THE THE TRANSPORT AND SET TO SELECT A SECURITY OF THE SELECT ASSOCIATION OF THE SELECT ASSOCI	
- 1997年 - 19	
- 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1	
.d. I hereby cert East the information above us true and complete to the best of my knowledge and belief.	
District Admin. Supervisor	09/12/86
	ଗଳେ ବ୍ରୀମଣ୍ଡି
ALIPADYED BY ORIGINAL STONES BY WOOD THE	DATE
CONDITIONS OF A PRODISTRICT SUPERVISOR	

## STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT

** ** ****** ***	Ι –			
DISTRIBUTIO				
SAMTA FE	IAHTA FE			
FILE		_		
U.S.D.S.	1	_		
LAND OFFICE		1-		
TRANSPORTER	DIL			
	GAS			
DPERATOR				
PROBATION CEL	KE		_	

# OIL CONSERVATION DIVISION - P.O. BOX 2088 SANTA FE, NEW MEXICO 87501

Form C-104 Revised 10 01-78 Formal 06-01-83 Page 1

# - REQUEST FOR ALLOWABLE .' AND . AUTHORIZATION TO TRANSPORT OIL AND NATURAL O

1.	AUTHORIZA	ATION TO TRANS	PORT OIL AND NATU	IRAL GAS	
TEXACO PRODUCING INC.		. :			
P. O. Box 728, Hobbs, New	Mexico 8	8240			·
Resson(s) for filing / Check proper box j New Well Recompletion Change in Ownership	Change in Tr	Π.	Other (Pleas Change TEXACO	of Operator from TEXACC PRODUCING INC. effective	INC. TO e 6/1/85.
If change of ownership give name and address of previous owner					
II. DESCRIPTION OF WELL AND L					
West Lovington Unit	1 20 1	ol Name, Including F Ovington San		State State	B4119-8
Unit Letter L ; 1980	Feet From T	he South Li	ne and <u>. 660</u>	Foot From The West	
Line of Section 3 Townsh	17-S	Range	36-E , NMPN	, Lea	County
III. DESIGNATION OF TRANSPOR Name of Authorized Transporter of Oil Injection Name of Authorized Transporter of Casing)	or Conde	AND NATURA	Address (Give address	to which approved copy of this form is to which approved copy of this form is	
If well produces oil or liquids, que location of tanks.	Sec.	Twp, Rqm.	is gas actually connect	ed? When	
If this production is commingled with the NOTE: Complete Parts IV and V or			give commingling orde	r numberi .	
VI. CERTIFICATE OF COMPLIANCE	E	;	OIL C	ONSERVATION DIVISION	
I hereby certify that the rules and regulations of been complied with and that the information gi- my knowledge and belief.			APPROVED_	180000	19 85
<b>.</b>			TITLE DISTRIC	CT 1 SUFERVISOR	<del></del>
W. D. hel	~		If this is a req	be filed in compliance with MUL uset for allowable for a newly dril t be accompanied by a tabulation	ed or despensed
District Operations Manag	jer	·	tests taken on the	well in accordance with RULE 11 this form must be filled out compl	1.
6/1/85			able on new and re	completed wells. Sections I, II, III, and VI for che	ngee of owner.
(Date)			well name or numbe	r, or transporter, or other such chan C-104 must be filed for each p	ge of condition.

## STATE OF NEW MEXICO

LITERIOT AND INSIDEMALS DEPARTM	OIL CONSERVA	TION DIVISION	•
DISTRIBUTION	P. O. 80X	C 2088	Form C-103 ·
PANTACE	SANTA FE, NEW		Revised 10-1-78
FILE	3,117. 2,112.	MEXICO 37301	The Late of Taxable Control
U.S.G.S.	-1		State X Fee
LAND OFFICE			
OPERATOR			5, State Oil 6 Gas Lease No.
			B-4119
SUNC	DRY NOTICES AND REPORTS ON		
OIL CAS WELL	Water Injection	1	7, Unit Agreement Nume West Lovington Unit
: and of Contator			8. Firm or Lease Name
TEXACO INC.			West Lovington Unit
Altress of Caetolic			9. Well No.
P.O. Box 728, Hobbs,	, NM 88240		26
Location of Well			1ºLovingtonº'San"Aindres
L	660 Net room the West	1980	West
Marth		36-E	
V.CTX.TTTTTTTTTTTTTT	4.44.44.4		
	15. Plevation (Show whether 3880)		Lea
Chec	k Appropriate Box To Indicate N	lature of Notice, Report of	or Other Data
	INTENTION TO:	•	UENT REPORT OF:
FERFORM REMEDIAL WORK	PLUG AND ABANDON	REMEDIAL WORK	ALTERING CASING
TEMPORARILY ABANDON		COMMENCE DRILLING OPHS.	PLUG AND ABANDOMENT
FULL OR ALTER CASING	CHANGE PLANS	CASING TEST AND CEMENT JOB	
		ormen Repair water	flow X
OTHER			
". Describe Froposed or Completed work) SEE RULE 1103.	Operations (Clearly state all pertinent deta	ails, and give pertinent dates, inc	·luding estimated date of starting any proposed
l. Rigged up. Instal	lled BOP. Pulled tubing & p	oacker.	

- 2. Set REP & set @ 4516'. Spot 2 sx sd on RBP.
- 3. Perforated 5-1/2" csg w/2 JSPI 0 2030'.
- 4. Set cement retainer @ 1943'. Cemented w/350 sx Cl H cement. Squeezed w/250 sx Cl H, followed by 50 sx Thixset w/3% CaCl. Job Complete 10:30 A.M., 1-12-82. Drilled out cement & retainer 1939-2040'. Tested csg to 1500# 10:30 to 11:00 A.M., 1-15-82. OK.
- 5. Installed injection equipment. Test and return to injection.

16. I hoseby certify that the information above	is true and complete to the best of m. Anoundings and ticitef.	
11.40 Villely	Asst. Dist. Mar.	DATE 2-1-82
PPROVED BY	TITLE	DATE
CONDITIONS OF APPROVAL, IF ANY		

#### STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT

CHOT MIN INITIALITY DI	- MAN	11415
DISTRIBUTION		
SANTA FE		
FILE		
U.\$.G.\$.	1	
LAND DEFICE	1	

wa. ar corica acceived	OIL CONSERVA	TION DIVISION	
DISTRIBUTION	P. O. 80	× 2088	Form C-103 Revised 10-1-78
SANTA PE	SANTA FE, NEW	MEXICO 87501	
U.S.O.S.	-		Sa. Indicate Type of Louise
LAND OFFICE	-		State y Fee
PERATOR	-		5, State Oil & Gas Lease No.
L	<b>-</b> J		B-4119
SUMPS	DY NOTICES AND DEDODITS ON	WELLS	anninininin.
SUNUT	RY NOTICES AND REPORTS ON CAPACITY OF PLUE IN THE PERMIT - " FORM C-1011 FOR SUC	MELLO	
11.	TOT TO PERMIT - TOUR C-TOTT TOR SUC	· PROPUSALS.)	7, Unit Agreement Name
WELL GAS WELL	OTHER Water Inject:	ion	West Lovington Unit
2. Name of Operator	oraca nadel injecto.	1011	8. Farm or Lease Name
TEXACO Inc.			Wort Torrington Unit
3, Address of Operator			West Lovington Unit
	obbs, New Mexico 88	240	
4. Location of Well	bos, New Mexico Co.	240	26
_	660	200	10. Field and Pool, or Wildcat Lovington San Andres West
UNIT LETTER L	660 FEET FROM THE West	LINE AND 1980 FEET FRO	Andres West
		_	
North Line, sect	17-1	S **** 36-E ****	
	15. Elevation (Show whether	DF, RT, GR, etc.)	12. County
	3880'		Lea
16.	777777		
	Appropriate Box To Indicate N		
NOTICE OF I	NTENTION TO:	SUBSEQUE	NT REPORT OF:
PERFORM REMEDIAL WORK	PLUG AND ABANDON	REMEDIAL WORK	ALTERING CASING
TEMPORARILY ABAHOON		COMMENCE DRILLING OPHS.	PLUG AND ABAHDOHMENT
PULL OR ALTER CABING	CHANGE PLANS	CASING TEST AND CEMENT JOB	
	_	OTHER	
Repair Water	r Flow 🔣		
	perations (Clearly state all pertinent det	ails, and give pertinent dates, includi	ng estimated date of starting any proposed
work) SEE RULE 1103.			•
1. Rig up. Insta	all BOP. Pull tubing	& nacker	
2. Set RBP @ 4450	) & dumn 2 Sy Sand	on plum:	
3. Perforate 5	0' & dump 2 Sx. Sand ( " Csg W/2-JS @ 2061'.	on prug.	
Set coment not	. 1001 % Collie	-+ II (100 g gr	1771
Square W/e	dati con cr come	it w/400 Sx. Class	'H' cement & circulate.
5. Install inject	add'l. 200 Sx. Class	H. cement. WOC.	DOC. Test.
). Install Hilect	tion equipment. Test	& return to inject:	ion.
	•		
	·		
	•		
-			
18 I haraby codify that the information	n above is true and complete to the best	of my knowledge and balled	
10, I hereby termy that the information	is true and complete to the best	or we anowiedke and better.	
NICHED STATE	•	-1 51-1 11	0.00
/ 100 (0 5-0 111"	TITLE ASS	st. Dist. Mgr.	DATE 9-29-81
	TITLE ASS	st. Dist. Mgr.	DATE 9-29-81
Dela	Signed By	st. Dist. Mgr.	DATE 9-29-81

O. OF CUPIES RECEIVED											
		` _									
DISTRIBUTION		NEW	MEXICO	OOL CO	ONSERVA	TION COMMI	SŠ,		Form C-16	04	
ANTA FE						OWABLE			Supersede		4 and C-110
TILE					AND				Litective	1-1-65	:
U.S.G.S.		AUTHORIZA	T NOLTA	O TRA	NSPORT	OIL AND N	IATURAL	GAS			
LAND OFFICE										•	
, I RANSPORTER   OIL	· · · ·										
OPERATOR											
! PRORATION OFFICE											
perator											
	Texaco lec.										
Arress	Drawer 728										
	Hobbs, N. b	1. 88240				•					
Reason's) for filing (Check		•			1	Other (Please					
Hex Well		Change in Trans	sporter of:			*To chang	ge well	number	from 1	1303 to	26
Iterom; letten		Oil	님	Dry Gas	<b>—</b> I						
Chan to in Capetabit		Casinghead Gas		Conden	sate						
If change of ownership gi	ive name										
and address of previous of											
H DESCRIPTION OF HE											
II. DESCRIPTION OF WE	LL AND LEAS	SE.	Well No.	Pool Nac	ne, includir	g Formation		Kind c	f Lease		
West Lovington	n Unit		*26		st Lov	_		State,	Federal or	Fee	
Location											
Unit Letter L	. 1980	Feet From The	Sout	h (	n and	660	_ Feet From	- The	West		
I I I I I I I I I I I I I I I I I I I		_reet riom the		22 2111	e and		ree( rio	n. rue			
Line of Section 3	, Township	17-S	Re	inge 3	36-E	, NMPM	,	Lea			County
III. DESIGNATION OF TR	ANSPORTER	OF OIL AND	NATUE	RAL GA							
Name of Authorized Transp	porter of Cil 🗶	or Condens	sute		Address (	Give address t	o which app	roved copy	of this for	m is to be	sent)
Texas New Mex						Box 1510					
Name of Authorized Transp	perrer c: Casinghe	ad Gos X or	r Dry Gas		Address (	Give address t	o which app	roved copy	of this for	rm is to be	sent)
Skelly Oil Cor						Box 1135			w Mexi	со	
		Sec.	Twp. '								
If well projuces oil or liqu	Unit	, ,	1	Age.	is gas act	tually connecte	ed? ,1	When			
If well projuges oil or lique dive location of tanks.	lds, Oak	, ,	17-S		ls gas act	Yes	ed? ,\	Unkno	wn		
give location of tanks.  If this production is com	I I	5	17 <b>-</b> S	36-E		Yes	·		wn		
give location of tanks.	I I	t from any other	17-S	36-E		Yes	number	Unkno		ne Res'v. T	Diff. Bes'y.
give location of tanks.  If this production is com	mingled with tha	t from any other	17-S	36-E or pool,	give comm	Yes	·			ne Res'v. I	Oiff. Res'v.
If this production is community.  IV. COMPLETION DATA	mingled with tha	t from any other	17-S er lease	36-E or pool,	give comm	Yes	number	Unkno	lack San	ne Res*v.	Diff. Res'v.
If this production is come  IV. COMPLETION DATA  Designate Type of	mingled with tha	t from any other	17-S er lease	36-E or pool,	give comm	Yes	number	Unkno	lack San	ne Res'v. I	Diff. Res'v,
If this production is come  IV. COMPLETION DATA  Designate Type of	mingled with tha  Completion — (	t from any other	17-S er lease	36-E or pool, s Well	give comm	Yes singling order Workover	number	Unkno	lack San	ne Res*v, I	Diff. Res'v,
If this production is com  IV. COMPLETION DATA  Designate Type of  Date Spudded	mingled with tha  Completion — (	t from any other (X) Oth Wel	17-S er lease	36-E or pool, s Well	New Well	Yes singling order Workover	number	Unkno	Back San	ne Res*v. I	Diff. Res'v,
If this production is com  IV. COMPLETION DATA  Designate Type of  Date Spudded	mingled with tha  Completion — (	t from any other (X) Oth Wel	17-S er lease	36-E or pool, s Well	New Well	Yes ingling order Workover	number	Unkno  T Plug E	Back San		Diff. Resty,
If this production is come IV. COMPLETION DATA  Designate Type of  Date Spudded  Pool	mingled with tha  Completion — (	t from any other (X) Oth Wel	17-S er lease	36-E or pool, s Well	New Well	Yes ingling order Workover	number	Unkno  T Plug E	Dack San		Diff. Res'v,
If this production is come IV. COMPLETION DATA  Designate Type of  Date Spudded  Pool	mingled with tha  Completion — (	t from any other  (X)  Compl. Ready  e of Producing F	17-S er lease	36-E or pool, s Well	New Well Total De;	Yes ingling order Workover	Deepen	Unkno  T Plug E	Dack San		Diff. Res'v,
If this production is come IV. COMPLETION DATA  Designate Type of  Date Spudded  Pool	Instance I I I I I I I I I I I I I I I I I I I	t from any other  (X)  Compl. Ready  e of Producing F	17-S er lease  I Ga to Prod.	36-E or pool, ss Weli	New Well Total De;	Yes ingling order Workover th	number: Deepen	Unkno  T Plug E	.D.  Depth  Casing She		•
If this production is come IV. COMPLETION DATA  Designate Type of Date Spudded  Pool  Perforations	Instance I I I I I I I I I I I I I I I I I I I	t from any other (X) Oil Wel Compl. Ready e of Producing F	17-S er lease  I Ga to Prod.	36-E or pool, ss Weli	New Well Total De;	Yes ingling order Workover th Gas Pay	number: Deepen	Unkno  T Plug E	.D.  Depth  Casing She	oe	•
If this production is come IV. COMPLETION DATA  Designate Type of Date Spudded  Pool  Perforations	Instance I I I I I I I I I I I I I I I I I I I	t from any other (X) Oil Wel Compl. Ready e of Producing F	17-S er lease  I Ga to Prod.	36-E or pool, ss Weli	New Well Total De;	Yes ingling order Workover th Gas Pay	number: Deepen	Unkno  T Plug E	.D.  Depth  Casing She	oe	•
If this production is come IV. COMPLETION DATA  Designate Type of Date Spudded  Pool  Perforations	Instance I I I I I I I I I I I I I I I I I I I	t from any other (X) Oil Wel Compl. Ready e of Producing F	17-S er lease  I Ga to Prod.	36-E or pool, ss Weli	New Well Total De;	Yes ingling order Workover th Gas Pay	number: Deepen	Unkno  T Plug E	.D.  Depth  Casing She	oe	•
If this production is come IV. COMPLETION DATA  Designate Type of Date Spudded  Pool  Perforations	Instance I I I I I I I I I I I I I I I I I I I	t from any other (X) Oil Wel Compl. Ready e of Producing F	17-S er lease  I Ga to Prod.	36-E or pool, ss Weli	New Well Total De;	Yes ingling order Workover th Gas Pay	number: Deepen	Unkno  T Plug E	.D.  Depth  Casing She	oe	•
If this production is come  IV. COMPLETION DATA  Designate Type of  Date Spudded  Pool  Perforations  HOLE SIZE  V. TEST DATA AND REC	Instruction — (  Completion — (  Date	t from any other (X) OII Wel Compl. Ready of Producing F	17-S er lease  I Ga to Prod. Formation  IG, CASI UBING S  (Test r	36-E or pool, s Weli NG, AND	Total Dep	Yes ingling order Workover  Workover  This Pay  TING RECOR  DEPTH St	Deepen  Deepen  Deepen	Unkno Pluq E P.B.T Tubino	Dack Sand	oe S CEMENT	
If this production is come IV. COMPLETION DATA  Designate Type of Date Spudded  Pool  Perforations  HOLE SIZE  V. TEST DATA AND RECOIL WELL	Completion — (	t from any other (X) Oll Wel (X) Compl. Ready e of Producing F	17-S er lease  I Ga to Prod. Formation  IG, CASI UBING S  (Test r	36-E or pool, s Weli NG, AND	Rew Well Total Deg Top Cit/O	Yes  ingling order  Workover  th  Gas Pay  TING RECOR  DEPTH SE  y of total voluer full 24 hours	Deepen Deepen	Unkno Plug E P.B.T Tubino Depth	Dack Sand	oe S CEMENT	
If this production is come  IV. COMPLETION DATA  Designate Type of  Date Spudded  Pool  Perforations  HOLE SIZE  V. TEST DATA AND REC	Completion — (	t from any other (X) OII Wel Compl. Ready of Producing F	17-S er lease  I Ga to Prod. Formation  IG, CASI UBING S  (Test r	36-E or pool, s Weli NG, AND	Rew Well Total Deg Top Cit/O	Yes ingling order Workover  Workover  This Pay  TING RECOR  DEPTH St	Deepen Deepen	Unkno Plug E P.B.T Tubino Depth	Dack Sand	oe S CEMENT	
If this production is come IV. COMPLETION DATA  Designate Type of Date Spudded  Pool  Perforations  HOLE SIZE  V. TEST DATA AND RECOIL, WELL  Date First New Oil Bun To	Completion — (  Name  QUEST FOR A  Date	t from any other (X) OII Wel (X) Compl. Ready e of Producing F TUBIN CASING & TI	17-S er lease  I Ga to Prod. Formation  IG, CASI UBING S  (Test r	36-E or pool, s Weli NG, AND	Rew Well Total Deg Top Cit/C	Yes  Iningling order  Workover  Horas Pay  ING RECOR  DEPTH St  DEPTH St  y of total voluer full 24 hours Method (Flou	Deepen Deepen	Unkno Plug E P.B.T Tubino Depth  iii and musi	Dack   San	oe S CEMENT	
If this production is come IV. COMPLETION DATA  Designate Type of Date Spudded  Pool  Perforations  HOLE SIZE  V. TEST DATA AND RECOIL WELL	Completion — (  Name  QUEST FOR A  Date	t from any other (X) Oll Wel (X) Compl. Ready e of Producing F	17-S er lease  I Ga to Prod. Formation  IG, CASI UBING S  (Test r	36-E or pool, s Weli NG, AND	Rew Well Total Deg Top Cit/O	Yes  Iningling order  Workover  Horas Pay  ING RECOR  DEPTH St  DEPTH St  y of total voluer full 24 hours Method (Flou	Deepen Deepen	Unkno Plug E P.B.T Tubino Depth	Dack   San	oe S CEMENT	
If this production is come IV. COMPLETION DATA  Designate Type of Date Spudded  Pool  Perforations  HOLE SIZE  V. TEST DATA AND RECOIL, WELL.  Date Pirot New Oil Bun To Length of Test	Completion — (  Name  QUEST FOR A  Tubi	t from any other (X) OII Wel (X) Compl. Ready of Producing F TUBIN CASING & TI LLOWABLE of Test	17-S er lease  I Ga to Prod. Formation  IG, CASI UBING S  (Test r	36-E or pool, s Weli NG, AND	Rew Well Total De; Top Cit/C	Yes  Iningling order  Workover  Horse Pay  TING RECOR  DEPTH St  Output  Outpu	Deepen Deepen	Unkno Pluq E P.B.T Tubino Depth  bil and muss lift, etc.) Choke	Dack   San	oe S CEMENT	
If this production is come IV. COMPLETION DATA  Designate Type of Date Spudded  Pool  Perforations  HOLE SIZE  V. TEST DATA AND RECOIL, WELL  Date First New Oil Bun To	Completion — (  Name  QUEST FOR A  Tubi	t from any other (X) OII Wel (X) Compl. Ready e of Producing F TUBIN CASING & TI	17-S er lease  I Ga to Prod. Formation  IG, CASI UBING S  (Test r	36-E or pool, s Weli NG, AND	Rew Well Total Deg Top Cit/C	Yes  Iningling order  Workover  Horse Pay  TING RECOR  DEPTH St  Output  Outpu	Deepen Deepen	Unkno Plug E P.B.T Tubino Depth  iii and musi	Dack   San	oe S CEMENT	
If this production is come IV. COMPLETION DATA  Designate Type of Date Spudded  Pool  Perforations  HOLE SIZE  V. TEST DATA AND RECOIL, WELL.  Date Pirot New Oil Bun To Length of Test	Completion — (  Name  QUEST FOR A  Tubi	t from any other (X) OII Wel (X) Compl. Ready of Producing F TUBIN CASING & TI LLOWABLE of Test	17-S er lease  I Ga to Prod. Formation  IG, CASI UBING S  (Test r	36-E or pool, s Weli NG, AND	Rew Well Total De; Top Cit/C	Yes  Iningling order  Workover  Horse Pay  TING RECOR  DEPTH St  Output  Outpu	Deepen Deepen	Unkno Pluq E P.B.T Tubino Depth  bil and muss lift, etc.) Choke	Dack   San	oe S CEMENT	
If this production is community.  If this production is community.  COMPLETION DATA  Designate Type of Date Spudded  Pool  Perforations  HOLE SIZE  V. TEST DATA AND RECOIL WELL.  Date First New Oil Bun To Length of Test  Actual Prof. During Test	Completion — (  Name  QUEST FOR A  Tubi	t from any other (X) OII Wel (X) Compl. Ready of Producing F TUBIN CASING & TI LLOWABLE of Test	17-S er lease  I Ga to Prod. Formation  IG, CASI UBING S  (Test r	36-E or pool, s Weli NG, AND	Rew Well Total De; Top Cit/C	Yes  Iningling order  Workover  Horse Pay  TING RECOR  DEPTH St  Output  Outpu	Deepen Deepen	Unkno Pluq E P.B.T Tubino Depth  bil and muss lift, etc.) Choke	Dack   San	oe S CEMENT	
If this production is come IV. COMPLETION DATA  Designate Type of Date Spudded  Pool  Perforations  HOLE SIZE  V. TEST DATA AND RECOIL, WELL.  Date Pirot New Oil Bun To Length of Test	QUEST FOR A  To Tanks  Date  Tubi	t from any other (X) OII Wel (X) Compl. Ready of Producing F TUBIN CASING & TI LLOWABLE of Test	17-S er lease  I Ga to Prod. Formation  IG, CASI UBING S  (Test r	36-E or pool, s Weli NG, AND	Rew Well Total De; Top Csl/C	Yes  Iningling order  Workover  Horse Pay  TING RECOR  DEPTH St  Output  Outpu	Deepen  The of load of the pump, gas	Pluq E P.B.T Tubine Depth  bil and musi lift, etc.) Choke	Dack   San	oe  S CEMENT  to or excee	
If this production is community.  If this production is community.  COMPLETION DATA  Designate Type of Date Spudded  Pool  Perforations  HOLE SIZE  V. TEST DATA AND RECORD WELL  Date First New Oil Bun To Length of Test  Actual Proj. During Test  GAS WELL	QUEST FOR A  To Tanks  Date  Tubi	t from any other (X) Compl. Ready compl. Ready cof Producing F  TUBIN CASING & TI  LLOWABLE cof Test Ing Pressure  Bbls.	17-S er lease  I Ga to Prod. Formation  IG, CASI UBING S  (Test r	36-E or pool, s Weli NG, AND	Rew Well Total De; Top Csl/C	Yes  Ingling order  Workover  The RECOR  DEPTH St  The	Deepen  The of load of the pump, gas	Pluq E P.B.T Tubine Depth  bil and musi lift, etc.) Choke	Dack   San	oe  S CEMENT  to or excee	
If this production is community.  If this production is community.  COMPLETION DATA  Designate Type of Date Spudded  Pool  Perforations  HOLE SIZE  V. TEST DATA AND RECORD WELL  Date First New Oil Bun To Length of Test  Actual Proj. During Test  GAS WELL	QUEST FOR A  Tubi  Other	t from any other (X) Compl. Ready compl. Ready cof Producing F  TUBIN CASING & TI  LLOWABLE cof Test Ing Pressure  Bbls.	17-S er lease  I Ga to Prod. Formation  IG, CASI UBING S  (Test r	36-E or pool, s Weli NG, AND	Rew Well Total De; Top Csl/C	Yes  ingling order  Workover  The second of the second or second o	Deepen  The of load of the pump, gas	Pluq E P.B.T Tubine Depth  bil and musi lift, etc.) Choke	Dack   San  Dack   San  Dack   San  Dack   San  Dack   San  Dack   San  Dack   San  SACKS	oe  S CEMENT  to or excee	

I hereby certify that the rules and regulations of the Oil Conservation Commission have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

VI. CERTIFICATE OF COMPLIANCE

OIL CONSERVATION COMMISSION

APPROVED \_\_\_\_\_\_, 19 \_\_\_\_\_

J. G. BLEVINS, JR. (Signature)
ASST. DIST. SUPT. (Title)
JUN 1 5 1965
(Date)

This form is to be filed in compliance with RULE 1104.

If this is a request for allowable for a newly drilled or deepened well, this form must be accompanied by a tabulation of the deviation tests taken on the well in accordance with RULE 111.

 $\,$  All sections of this form must be filled out completely for allowable on new and recompleted wells.

Fill out Sections I, II, III, and VI only for changes of owner, well name or number, or transporter, or other such change of condition.

Separate Forms C-104 must be filed for each pool in multicompleted wells.

HOMER OF COPIES AFCEIVED						1
BANTA CI	NE	W MEXICO OI	L CONSER	ATION C	OMMISSION	FORM C-103
LAND OFFICE						(Rev 3-55)
THANDONTER OIL		MISCELLANI	EOUS REP	OK 12 ON	MELL?	ĺ
	(Submit	to appropriate D	Istrict Office	as per Comn	nission Rule 11	06)
Name of Company TEXACO I	inc.		Address P. O. B	ох 728,	Hobbs, Ne	w Mexico
Lease West Toudneton IInd	1		etter Section	Township	17-S	36-E
West Lovington Uni Date Work Performed 2-18-63			- 1 -	County		
2-18-63		t Lovingto		ta block)	Lea	
Beginning Drilling Operations		ing Test and Ceme		Other (Ex	cplain):	
Plugging	Rem	edial Work				
Detailed account of work done, nature	and quantity of	f materials used, a	nd results obta	ined.		
We have done t	the follo	wing work	to the s	ubject i	well:	
1. Inject 55 gals	of: Chep	lex (scale	inhibit	or) mixe	ed with 50	00 gals of
HCL (5%). 2. Clean out to t	otal dam	th.				
<ol><li>Run radioactiv</li></ol>	e log fr	om surface	to tota	l depth		
4. Install 4807'	of 2" pl	astic coat	ed injec	tion tul	oing with	packer set
at 4650'. Chan	ige wellh	lead equipm	ent for	injectio	on.	
Witnessed by		Position		Company	·····	· · · · · · · · · · · · · · · · · · ·
L. S. Webber		Prod. For			TEXACO	Inc.
	FILL IN BEL	OW FOR REMED		EPORTS ON	LY	
D F Elev. T D		PBTD		Producing	Interval	Completion Date
Tubing Diameter Tub	ing Depth	<u> </u>	Oil String Diame	ter	Oil String I	Depth
Perforated Interval(s)						
Open Hole Interval		I	Producing Form	ation(s)		
		RESULTS OF	WORKOVED			
Taxa Date of	Oil Production	Gas Product	ion Water	Production	GOR	Gas Well Potential
Test Test	BPD	MCFPD		PD	Cubic feet/Bb	
Workover						
After Workover						
OIL CONSERVATION	N COMMISSION	I	I hereby certi	fy that the in my knowledg	formation given a	above is true and complete
Approved by			Name	1/2-		
			Replace	71. G.	Blevins,	Jr.
Title		11	Position	t Diets	ict Super	intendent
Date			Company	mpre -	Ter panel.	THEHOEH

TEXACO Inc.

## 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 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.

tional instructions in the Rules and R	Indicate Nature of Notice	se by Checking F	delow	
Notice of Intention to Change Plans	Notice of Intention to Temporarily Abandon V	Vell	Notice of Intention to Drill Deeper	
Notice of Intention to Plug Well	Notice of Intention to Pluo Back		Notice of Intention to Set Liner	
Notice of Intention to Squeeze	Notice of Intention to Acidize		Notice of Intention to Shoot (Nitro)	
Notice of Intention to Gun Perforate	Notice of Intention (Other) See Bel	ow X	Notice of Intention (Other)	
OIL CONSERVATION COMMISSI SANTA FE, NEW MEXICO Gentlemen:	Hobbs, New M	•)	February 27, 19	
			West Lovington Unit	
TEXACO In (Company or C	perator:	10000 36-E	Well No. 1303 in L	(Unit)
(40-acre subdivision)		,NMPI	M.,	P001
We propose to conver 1. Inject chemical 2. Clean out to tot 3. Run radioactive 4. Install equipmen	treatment for scal al depth. log from surface t	n well as e removal o total d injection	regulations) follows:	nd
Approved Except as follows:	B	y	TEXACO Inc. Company or Operator tant District Superir	
Approved OIL CONSERVATION COMMISSI		Sen	d Communications regarding well to:	
Ву			G. Blevins, Jr.	
Title		ddreu P.O.	Box 728. Hobbs. N. Me	2X.

GISTAIBUTION	NEW	MEXICO OIL	. CONSERVA	TION (	VISSION	FORM C-110	)
PICE.		SANT	TA FE, NEW I	MEXICO		(Rev. 7-60)	- 1
	ERTIFICAT	E OF CO	MPLIANCE	AND A	UTHORIZATI	ON	
TARNOPORTER 618	TO T	RANSPOR	T OIL AND	NATU	RAL GAS		
O-Enston	UE THE ODICH	141 AND 4 C	ODIEC WITH T	UE A BOD	DRIATE DEFICE		
Company or Operator	LE THE ORIGI	VAL AND 4 C	OPIES WITH T	Lease	PRIATE OFFICE	Well No.	
*TEXACO Inc.					Lovington	1	- 1
Unit Letter Section Towns	ship	Range		County			$\neg$
L 3	17-S	3	6-E	<u> </u>	ea		
Pool				Kind of L	ease (State, Fed,Fee State	•)	
West Lovington  If well produces oil or condensate	Uni	t Letter	Section	Towns		Range	
give location of tanks		J	_   5		17-S	36-€	
Authorized transporter of oil X or condensa	te 🗌		Address (give o	ddress to u	hich approved copy of	this form is to be sent)	
	T		n 0	D 16			
Texas New Mexico Pipe	Line Com	pany	P. O.	Box 15	510 - Midlai	nd, Texas	
	Is Gas Actual	lly Connecte	d? Yes_X	_ No			
Authorized transporter of casing head gas X	or dry gas 🔲	Date Con- nected	Address (give o	ddress to u	hich approved copy of	(this form is to be sent)	
Skelly Oil Company		Unknown	P. O.	Вох 38	- Hobbs, 1	New Mexico	
If gas is not being sold, give reasons and also	explain its prese	nt disposition:					— <u>i</u>
		🗆	Change in Ow Other (explain			l	
*C-110 filed to chan to TEXACO Inc., **to show well name c Unit No. 1303, new	hange fro	om State	NM "B" W	ر ell Na	. 5 to Wes	t Loviigton	49
The undersigned certifies that the Rules	and Regulations	of the Oil Co	inservation Con	nmission h	ave been complied	with.	
Executed this t	ne 11th day	y of	January	, 19 <u>6</u>	62.		
OIL CONSERVATION C	HOIZZIMMO		Ву	-1/	(		
Approved by			/2	11/18	tota	_	
1 / · /			Title				
				rict /	Accountant		
Title			Company				
				<b>a</b> o <b>-</b>			
Date			Address	CO Inc	<u> </u>		
			P. O. E	30x 728	B - Hobbs,	New Mexico	

## NEW MEXICO OIL CONSERVATION COMM. SION SANTA FE NEW MEXICO Form C-110 Revised 7/1/55 SANTA FE, NEW MEXICO

(File the original and 4 copies with the appropriate district office)

## CERTIFICATE OF COMPLIANCE AND AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS ? 53

Company or Operator RODMAN-NOEL OIL O	ORPERATION Lease STATE "B"
Well No. 5 Unit Letter L S 3 T	17S <sub>R</sub> 36E Pool West Lovinson
	State, Ferry Patented) STATE on of tanks: Unit SW/4s 5 T 175 R 36E
Address (Give address to which approved of	
(Give address to which approved c	opy of this form is to be sent)
Authorized Transporter of Gas	
Address (Give address to which approved o	
lf Gas is not being sold, give reasons and also	
Reasons for Filing:(Please check proper box) Change in Transporter of (Gheck One): Oil (	
Change in Ownership	Other () (Give explanation below)
Remarks:	(Give explanation below)
FORMERLY OWNED BY TREBOL OIL CHANGE OF WWWERENIP EFFECTIVE  The undersigned certifies that the Rules and R	. June 1, 1957
Executed this the 28 TH day of HAY	
	By Lavin Show
Approved19	
OIL CONSERVATION COMMISSION	Company
By B. J. Mentigenery	Address Box 3826
Title (%)	Odessa, Texas

### NEW MEXICO OIL CONSERVATION COMMISSION

CERTIFICATE OF COMPLIA	ANCE AND AUTHORIZATION 1951
TO TRANS	SPORT OIL
	OFFICE US
Company or Operator. Trabel Oil Company & E. G.	Rodman Lease State "B"
Address. Box 3908 Odessa Texas (Local or Field Office)	Box 3908, Odessa, Texas (Principal Place of Business)
Unit. L. Wells No. 5 Sec. 3 T. 17-S R. 36	E Pool Fest Lovington County Lea
Kind of Lease State	Location of Tanks
	Address of Transporter Jal, New Mexico (Local or Field Office)
Widland, Texas Percent of oil	to be transported
to transport oil from this unit are none	%
REMARKS:	
with except as noted above and that gathering agent is	ns of the Oil Conservation Commission have been complied authorized to transport the percentage of oil produced from will be valid until further notice to the transporter named mmission of New Mexico.
•	<b>Va.∵ch</b> , 195 <b>1</b>
MAR 21 :951	Trebol Oil Company & E. G. Rodman  (Company or Operator)  By M. Fingineer
Approved:, 195	
OIL CONSERVATION COMMISSION	
By Roy yurhraugh	
() I & Gas inspector	(See Instructions on Reverse Side)

		For		
ر: احل	: (>: : ) ( <u>&gt;:</u> (		\ <b>Y</b>	0

	 Faces (1110 are
OIL CONSERVATION COMMIS	1 'Ye : 4 (1 18 11 W 1641)
CERTIFICATE of COMPLIANCE and AUTHORIZATION	
Company or Operator Trabel Oil Company & E.G. Rodmani.e	i i
Address P. Q. Box 3906, Oderes, Texas	110005-011102
(Local or Field Office) Unit _L Wells No. 5_Sec. 3_T_178_R348_Field Feet	
Kind of LeaseStateLocation of S	Tanks 660' E. of C. of 1/L Section
Transporter Texas New Mexico Pipe Line Co. Address of T	ransporter Jal, How Mexico (Local or Field Office)
(Principal Place of Business) ized to transport oil from this unit are REMARKS:	rted Other transporters author-
This lease fermerly semed and operated by L.	H. Wents Estate.
The undersigned certifies that the rules and regulations have been complied with except as noted above and that gather the percentages of oil produced from the above described propose valid until further notice to the transporter named herein evation Commission of New Mexico.  Executed this the	ering agent is authorized to transport erty and that this authorization will or until cancelled by the Oil Conser-
	11 Company & E. G. Rodman
By Title <b>R</b>	(Company or Overator)
State of ss.	
County of	nolly appeared M. B. Hool
known to me to be the person whose name is subscribed to the duly sworn on oath states that he is authorized to make this stated herein and that said report is true and correct.	e above instrument, who being by me
Subscribed and sworn to before me, this the	day of September 1, 1950
Notary Public in and for Bater County, Terral	<i>l</i>
OIL CONSERVATION COMMISSION  By A A MARKETOLLE	
	ee Instructions on Reverse Side)

# SCOUT REPOF

### DIL CONSERVATION COMMISSION

					Company		H. West.		
			_ _		Farm Name	92	taka B		Well No. 4;
3					Sec. 3	Twp.	// Ra	inge <i>36</i>	County _ ~~
				_ "	Feet from Line:		N. /9	S.	E. W.
	<b>- </b> -				Contractor				Medioo
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				No. of	Quarts		From		To
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## OIL CONSERVATION COMM.\_SION

Santa Fe, New Mexico

## MISCELLANEOUS REPORTS ON WELLS

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

and sworn to before a notary public. See additional instru- indicate nature of rep	ctions in the Rules and Regulations of the Commission.
	1
REPORT ON BEGINNING DRILLING OPERA-	REPORT ON REPAIRING WELL
REPORT ON RESULT OF SHOOTING OR CHEMICAL TREATMENT OF WELL	REPORT ON PULLING OR OTHERWISE ALTERING CASING
REPORT ON RESULT OF TEST OF CASING SHUT-OFF	REPORT ON DEEPENING WELL
REPORT ON RESULT OF PLUGGING OF WELL	
L	ovington New Mexico 5-31-45
OIL CONSERVATION COMMISSION, SANTA FE, NEW MEXICO. Gentlemen:	Place Date
Following is a report on the work done and the results obta	ained under the heading noted above at the
.H. Wentz (011 Division) St	ste B Well No. 5 in the
C of W Elof S W 1 of Sec. 3	, T. 17S , R. 36E , N. M. P. M.,
Hest Lovington Field, Lea	County.
The dates of this work were as follows: 5-25-45	
Notice of intention to do the work was (was not submitted	ed on Form C-102 on 5-24-45 19
and approval of the proposed plan was (was pt) obtained	. (Cross out incorrect words.)
DETAILED ACCOUNT OF WOR	K DONE AND RESULTS OBTAINED
is 50 BBls, no water. Well was treated by Dowell chemics	D
Witnessed by Name	Fred Turner Jr Erm Boss Title
Subscribed and sworn before me this 4th	I hereby swear or affirm that the information given above is true and correct.
day of give, 1945	Name / Trewell
Son the state of t	Position Lease Foreman
Notary Public	Representing L.H.Wentz (Oil Division)  Company or Operator
My commission expires april 23, 1946	Address Lcvington, New Mexico
Remarks: Roy, Yar	brough. Srewelf Name Lease Forenan Title

FORM C-105

N ...

## NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

### WELL RECORD

Mail to Oil Conservation Commission, Sante Fe. New Mexico, or its proper agent not more than twenty days after completion of well. Follow instructions in the Rules and Regulations of the Commission. Indicate questionable date by following it with (?), SUBMIT IN TRIPLICATE. FORM C-110 WILL NOT BY APPROVED UNTIL FORM C-105 IS PROPERLY FILLED OUT.

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f State Is	and the	oil and	d oan lagga is	No. 2 43	Ja Tari	Accionmo	it No	" 340 D	7 175	11 36E
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7/8 83 470	150	<b>**</b>			
		PLUGS AND A	DAPTERS		
ng plug-Material	30 SAGER CE	Length 2	:0 <del>0                                   </del>	Depth Se	Top 4875
ers—Material		Size			
	RECORD OF SH	OOTING OR O	CHEMICAL TE	REATMENT	T
ZE SHELL USED	CHEMICAL USED	QUANTITY	DATE	DEPTH SHOT OR TREATED	DEPTH CLEANED OUT
		1500	5-23-45		
		4000	5-25-45		
producing June oduction of the first	let 1945 24 hours was 50	PRODUCT	FION	which 100	
s well, cu, ft. per 24 h	W. •				of gas
k pressure, lbs. per sq.	in				
		EMPLOY, Driller			Dritte
.U.Hama	* * * * *	Driller _	W. P. C. S.	ibyker .	, Drille
	FORMA	TION RECORD	ON OTHER	SIDE	
reby swear or affirm to done on it so far as				e and correct re	ecord of the well and a
of A	1/	1945 1945	Name Position	rod Supt	Caus
Commission expires	Notary Public	2	Γ.	* *** ********************************	
omunajou exprior	Rug 28	-1948	Representing	_	Lott vivision)

Well was plugged back from 5075 to 4875, with 30 sax dement.

Cimbus Samble 2005

#### FORMATION RECORD

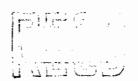
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1405	1493	88	" Shall
1493	1569	76	M 44 DIRECTAL AND AND AND AND AND AND AND AND AND AND
1569	1780	201	* * Shale
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1875	1905	20	" And Anhydrit Shells
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1935	1955	20	ii ii ii ii ii ii ii ii ii ii ii ii ii
1955	2062	197	Anhydrite
2002	2223	161	Salt
2223	2560	887	" and Shelle
2560	2753	198	# DTGITE
2753	2775	22	" and Shells
2775	2990	215	serier Direction
2990	3000	10	Amband and the
3000	3015	15	Anhydrite Salt
3015	5015	26	
3041	3130	89	Broken Sand
<b>3041</b>	3150	20	Salt Shale and Shells
3150	3200	50	
3200	3278	73	Anyhdrit and Potesh Broken Anhydrite
3273	3330	57	Shale Anhydrite and Shells
3530	3 <b>365</b>	35	Anhydrite and Gype
3365	3432	67	Broken, Anhydrite
3432	3645	113	Gyp and Anhydrite
3545	3586	41	Anhydrite
3586	3745	149	and Gyp
3745	3920	175	11
<b>39</b> 20	4023	103	" and Gyp
4023	4059	36	#
4059	4067	8	" and Line
4067	4123	56	and Shells
4123	4134	21	" and Gyp
4154	4213	79	* And Line Shells * and Gro
4218	4231	18	" and wyp
4231	4266	35	
<b>4</b> 266 <b>4</b> 295	4295 4315	29	Lime Shells
4315	4460	20 1 <b>45</b>	and Gyp
4460	4465	140	and Lime
4465	4470	. 5	
4470	4514	44	T and Gyp
4514	4525	11	" and Gyp
4525	4536	11	and Lime
4536	4555	19	M M H
4555	4708		, oraș altro de complete
4706	4918	212	a de vaga en la caracteria. La L <b>ine</b> la caracteria de la caracteria de la caracteria de la caracteria de la caracteria de la caracteria de
To vo	4929	11	
_	i	1	Broken Lime
<b>4929</b> <b>4</b> 961	4961	32	
4986 4981	4986	25	Braken Line
4700 5007	5007	21	Lime

5068 Total	De	5	075			0	7		L	ime		Lime			.,		
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### NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

#### MISCELLANEOUS NOTICES



Submit this notice in triplicate to the Oil Conservation Commission or its proper agent before the work specified is to begin. A copy will be returned to the sender on which will be given the approval, with any modifications considered advisable, or the rejection by the Commission or 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

Indicate nature of notice by checking below: NOTICE OF INTENTION TO SHOOT OR CHEMICALLY TREAT WELL NOTICE OF INTENTION TO TEST CASING SHUT-OFF NOTICE OF INTENTION TO PULL OR OTHERWISE ALTER CASING NOTICE OF INTENTION TO CHANGE PLANS NOTICE OF INTENTION TO PLUG WELL NOTICE OF INTENTION TO REPAIR WELL NOTICE OF INTENTION TO DEEPEN WELL 5-19-45 Levington, New Mexico Place Date OIL CONSERVATION COMMISSION, Santa Fe, New Mexico. Following is a notice of intention to do certain work as described below at the ... State B L.H. Wentz (Oil Division Well No. 5 Company or Operator of Sec. 3 , N. M. P. M., West Lovington \_, <u>t17\_8</u> R 36E Lea County. FULL DETAILS OF PROPOSED PLAN OF WORK FOLLOW INSTRUCTIONS IN THE RULES AND REGULATIONS OF THE COMMISSION Well making water. we will plug from ,5075'back to 4875'with cement, through tubing, with Halliburton. ) 1 1345 (Oil Division) LaWentz Approved except as follows: Farm Boss Send communications regarding well to OIL CONSERVATION COMMISSION, Name L.H. Wentz (Oil Division) Address - Lowington, New Mexico, Box 778

## OIL CONSERVATION COMMISSION STATE OF NEW MEXICO

## CERTIFICATE OF COMPLIANCE AND AUTHORIZATION TO TRANSPORT OIL

Company or Operator	L.H.Wentz (011	Divisien)	LeaseSte	ste-B
Address Levington, N	ew Mexice	Penca	City.Oklah	10ma
(Local or Fiel		GV Went	(Principal Place of	
Unit_L Wells No5	Sec T 175 R	onField west	PAA TUR COU	County
Kind of Lease State		Location of ?	Tanks <b>660' E.</b>	of C.of 4-300t4
Transporter Texas New	Mexico P.L.Co	Address of T	Fransporter J	1.Hew Mexico
Manual Clause			100 on	(Local or Field Office)
(Principal Place of Bu		oil to be transpo	ortedayo. Othe	er transporters author
ized to transport off from t	his unit are	None		9
REMARKS:				
No.			5.50	
be valid until further notic vation Commission of New Executed this the	Mexico.			-
Executed this the	note day o			, 194
			entz (011)	
		By	1 /30	well
		//	The Plane	
13 W		Titlef	arm Boss	
State of Now Hexic	<u> </u>	(		
County of 1008	* . :: . : *	∫ <b>38.</b>		
Before me, the undersi	gned authority, on the	his day personal	lly appeared J	.C.Prewett
known to me to be the per	rson whose name is	subscribed to the	e above instruc	nent, who being by m
duly sworn on oath states stated herein and that said			eport and has l	knowledge of the fact
Subscribed and sworn			day of Apr	11 1945 194
Dabbathed and by oth	to belove me, emb	Ma	6 7.4 × 4	langle.
Notary Public in and	for Lea C	ounty orange		0
Approved: 4-2	Z		-X160	,
OIL CONSERVATION CO		-		
- Cook	Maria	-		
By Company	w wy	39-		

### DTL JONSERVATION COMMI\_SION

Santa Fo. New Mexico

## MISCELLANEOUS REPORTS ON WELLS



Title

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

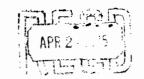
Indicate nature of report by checking below:

#### REPORT ON BEGINNING DRILLING OPERA-REPORT ON REPAIRING WELL REPORT ON PULLING OR OTHERWISE REPORT ON RESULT OF SHOOTING OR CHEMICAL TREATMENT OF WELL ALTERING CASING REPORT ON RESULT OF TEST OF CASING REPORT ON DEEPENING WELL REPORT ON RESULT OF PLUGGING OF WELL April 26th 1945 Levington New Mexico Date OIL CONSERVATION COMMISSION. SANTA FE, NEW MEXICO. Gentlemen: Following is a report on the work done and the results obtained under the heading noted above at the State B L.H. Wentz (Oil Division) Well No.\_ in the Company or Operator Lesse 178 C of NW? of SW & N. M. P. M., Lea West Levington County. The dates of this work were as follows: April 26th 1945 Notice of intention to do the work was (was submitted on Form C-102 on April 23d 1945 and approval of the proposed plan was (was the obtained. (Cross out incorrect words.) DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED 52 Casing was tested with 800# water preassure. Casing was U.K. Fred Turner I hereby swear or affirm that the information given above Subscribed and sworn before me this 26th is true and correct. Farm Bess L.H.Wentz (Oil Division) Representing \_ Notary Public Company or Operator Levington, New Mexico P.O.Bex 778 My commission expires. Cypric Remarks: yarbracy Farm Boss

Form C-102 NEW . XIGO OIL CO	NSERVATION COMA. SION
	Fe, New Mexico
MISCELLA	NEOUS NOTICES
Submit this notice in triplicate to the Oil Conservation begin. A copy will be returned to the sender on whe advisable, or the rejection by the Commission or age ed, and work should not begin until approval is obtain the Commission.	on Commission or its proper agent before the work specified is to hich will be given the approval, with any modifications considered ent, of the plan submitted. The plan as approved should be follow-ned. 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 INTENTION TO SHOOT OR CHEMICALLY TREAT WELL
NOTICE OF INTENTION TO CHANGE PLANS	NOTICE OF INTENTION TO PULL OR OTHERWISE ALTER CASING
NOTICE OF INTENTION TO REPAIR WELL	NOTICE OF INTENTION TO PLUG WELL
NOTICE OF INTENTION TO DEEPEN WELL	
Levingten New	Hexice April 23d 1945 Date
of Sec. Z , T. 178 , R. 36E  Lea County  FULL DETAILS OF  FOLLOW INSTRUCTIONS IN THE R	PROPOSED PLAN OF WORK SULES AND REGULATIONS OF THE COMMISSION  Lime and Anhydrite; was cemented with 150
Approved APR 24 1925, 19 except as follows:  OIL CONSERVATION COMMISSION,	By Company or Operator  By Com
By Coll Marksoulfs. Title Gas Inspector	Address Levington, New Hexice, Box 778

#### Form C-102

### NEW MEXICO OIL CONSERVATION COMMIS. JN



#### Santa Fe, New Mexico

#### MISCELLANEOUS NOTICES

Submit this notice in triplicate to the Oil Conservation Commission or its proper agent before the work specified is to

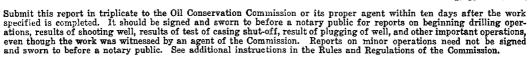
begin. A copy will be returned to the sender on advisable, or the rejection by the Commission or a ed, and work should not begin until approval is obt	which vagent, of ained. S	will be given the approval, with any modifications co f the plan submitted. The plan as approved should be see additional instructions in the Rules and Regula	nsidered follow- tions of
the Commission. Indicate natu	re of r	otice by checking below:	
NOTICE OF INTENTION TO TEST CASING SHUT-OFF	X	NOTICE OF INTENTION TO SHOOT OR CHEMICALLY TREAT WELL	\
NOTICE OF INTENTION TO CHANGE PLANS		NOTICE OF INTENTION TO PULL OR OTHERWISE ALTER CASING	
NOTICE OF INTENTION TO REPAIR WELL		NOTICE OF INTENTION TO PLUG WELL	
NOTICE OF INTENTION TO DEEPEN WELL			,
	l, How	liexico April 2d 1946	
OIL CONSERVATION COMMISSION, Santa Fe, New Mexico. Gentlemen: Following is a notice of intention to do certain wor	rk as de	scribed below at the	fN#afsw-
Company or Operator of Sec. 2 , T. 173 , R 368	<u>.                                    </u>	, N. M. P. M., West Levington	
		in Anhydrite, cemented with 150 test casing with pump pressur	
Approved except as follows:	19	By Company or Operator  By Position FARM BOSS  Send communications regarding well to	
OIL CONSERVATION COMMISSION,	)	Name Oil Divisio	n <del>)</del> ——
By 10 4 Maluraces	1	Address P.J.Box 778	
Title			

0

#### DIL CONSERVATION COMM. JSION

Santa Fe, New Mexico

## MISCELLANEOUS REPORTS ON WELLS



Indicate nature of report by checking below:

REPORT ON BEGINNING DRILLING OPERA-	1	REPORT ON REPAIRING WELL	
REPORT ON RESULT OF SHOOTING OR CHEMICAL TREATMENT OF WELL		REPORT ON PULLING OR OTHERWI ALTERING CASING	SE
REPORT ON RESULT OF TEST OF CASING SHUT-OFF	y.	REPORT ON DEEPENING WELL	
REPORT ON RESULT OF PLUGGING OF WELL			
		vingan, (o lexi)	- F
OIL CONSERVATION COMMISSION, SANTA FE, NEW MEXICO. Gentlemen:		Flace Da	te
Following is a report on the work done and the resu	lts obtai	ned under the heading noted above at the	
Company or Operator			
of Sec.	,	T. 173 , R. 24.5	, N. M. P. M.,
The dates of this public, your Field,			County.
The dates of this work were as follows:	<del>46</del>		
Notice of intention to do the work was (was not) so	abmitted	on Form C-102 on 1-2-15	19
and approval of the proposed plan was (was not) ob	tained.	(Cross out incorrect words.)	
DETAILED ACCOUNT OF	MADE	DONE AND RESULTS OBTAINED	
		- ond mile ambould oblaimed	
8 ./8 Sesier was tested with	800	water prouseure.	
Cosing	r 12	ŕ	
o constitution	Jakes		
. 12			
0.11 5 115			
Witnessed by 1/1 Yearter			
Name	1	Company chee Je	
Subscribed and sworn before me this 6th			Title
	i	I hereby swear or affirm that the information is true and correct.	Title on given above
day of, 1945, 19	··· i	I hereby swear or affirm that the informatic is true and correct.	Title on given above
day of <u>April 1945</u> , 19	9	is true and correct.	Title on given above
Mary Struebarger Notary Public	9	Name Position Position Position	2
Mary Strebangle	9	Name	2
My commission expires Capail 73, 19	9	Position Company or Operator	isin,
My commission expires april 23, 19	9	Position Crit Dogs Representing Company or Operator Address Covington, Now Mexico  Lower Long Company of Operator	isin,
My commission expires april 23, 19	9	Position Company or Operator	isian, isian, isian, isian, isian, weth

# 

## MISCELLANEOUS REPORTS ON WELLS

Submit this report in triplicate to the Oil Conservation Commission or its proper agent within ten days after the work specified is completed. It should be signed and sworn to before a notary public for reports on beginning drilling operations, results of shooting well properly of the story possible of the

	eport by checking below:	
REPORT ON BEGINNING DRILLING OPERA-	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		
Levington N	ew Hexico March 20	th 1945
OIL CONSERVATION COMMISSION, SANTA FE, NEW MEXICO. Gentlemen:	Place	
Following is a report on the work done and the results ob	tained under the heading noted above at the	
Company or Operator	Lease Well No. 5	in the
of Sec. 3	, T17S, R36E, N	I. M. P. M
West Levington Field,	Lea	County.
The dates of this work were as follows:	g 1945	
Notice of intention to do the work was (was not) submitted and approval of the proposed plan was (was not) obtained		19
اب		
7' Decrick floor is ➡' above se	a level.	
3.11. f. sh. d	e level.  Fred Turner Jr Farm Boy	filie
Witnessed by Witnessed by		
Subscribed and sworn before me this 26	I hereby swear or affirm that the information g	
Subscribed and sworn before me this 26  day of March , 1945	I hereby swear or affirm that the information g is true and correct.  Name  Position  Fari Bosa	riven above
Witnessed by July edford  Name  Subscribed and sworn before me this 26  day of March , 1945  Winne blo Valh  Notary Public	I hereby swear or affirm that the information g is true and correct	riven above
Subscribed and sworn before me this 26  day of March , 1945	I hereby swear or affirm that the information g is true and correct  Name  Position  Fig. 1. Boss  Representing  L. H. Wents (011 D)	riven above
Witnessed by July Edford  Name  Subscribed and sworn before me this 26  day of March , 1945  Witnessed by July 1945  Notary Public  My commission expires April 21, 1948	I hereby swear or affirm that the information g is true and correct  Name  Position  Representing  Latta Wents (011 Dicompany or Operator  Address  Page 778 Lovingtor	riven above

# DIL CONSERVATION COMM.35ION

Santa Fe, New Mexico

## MISCELLANEOUS REPORTS ON WELLS

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

Indicate nature of report by checking below:

REPORT ON BEGINNING DRILLING OPERA-	REPORT ON REPAIRING WELL
REPORT ON RESULT OF SHOOTING OR CHEMICAL TREATMENT OF WELL	REPORT ON PULLING OR OTHERWISE ALTERING CASING
REPORT ON RESULT OF TEST OF CASING SHUT-OFF	REPORT ON DEEPENING WELL
REPORT ON RESULT OF PLUGGING OF WELL	
Lovitgton, N	New Herrico 8-26-45ate
OIL CONSERVATION COMMISSION, SANTA FE, NEW MEXICO. Gentlemen:	Bate
Following is a report on the work done and the results o	obtained under the heading noted above at the
Company or Operator	Well Noin th
Cof and of Sec. 3	, T. <u>178</u> , N. M. P. M
est Lovington Field, Lea	Count
The dates of this work were as follows: 3-2	25-45
Notice of intention to do the work was (was not) submi	itted on Form C-102 on 5-2; -15 19
and approval of the proposed plan was (was not) obtain	ed. (Cross out incorrect words.)
DETAILED ACCOUNT OF WO	ORK DONE AND RESULTS OBTAINED
casing U.	K.
Witnessed by Sustedfield	
Name	Fred charner Jr Firm Bons
Subscribed and sworn before me this 26th	I hereby swear or affirm that the information given above is true and correct.
day of <u>Harch</u> 1945, 19	Name
Winnie Ale Valh	Position Form Boss
Notary Public	Representing 1. Company of Operator Ivision
My commission expires april 21,1948	Address - Hovington, New Dexico, Box 7?
Remarks;	yarbraugh Atremed
A service of the serv	H resector zarn Boss Title

# NEW Maxico OIL CONSERVATION COMM. JON Santa Fe, New Mexico MISCELLANEOUS NOTICES

OTICE OF INTENTION TO TEST CASING SHUT-OFF	 NOTICE OF INTENTION TO SHOOT OR CHEMICALLY TREAT WELL	_
OTICE OF INTENTION TO CHANGE PLANS	NOTICE OF INTENTION TO PULL OR OTHERWISE ALTER CASING	
OTICE OF INTENTION TO REPAIR WELL	NOTICE OF INTENTION TO PLUG WELL	
OTICE OF INTENTION TO DEEPEN WELL		
anta Fe, New Mexico.		
entlemen:		
'ollowing is a notice of intention to do certain wo	scribed below at the	
'ollowing is a notice of intention to do certain wo	scribed below at the	

13 3/8 48# Casing was set at 301' in Red Bed and Shells, cemented with 1:0 Sx Cement, Total Depth 331, will test casing ith pump preaseure.

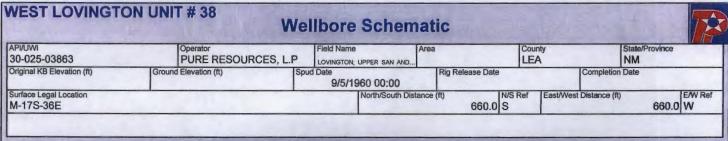
MAR 2 6 1945	Tot Manta (0:1 Distant
except as follows:	By Lewell Bronding
	Position Farm Boss Send communications regarding well to
OIL CONSERVATION COMMISSION	Name
By loy yardrolyh.	Address Box 778 Jevington, New Mexic
Title & GAS BSPECT()	

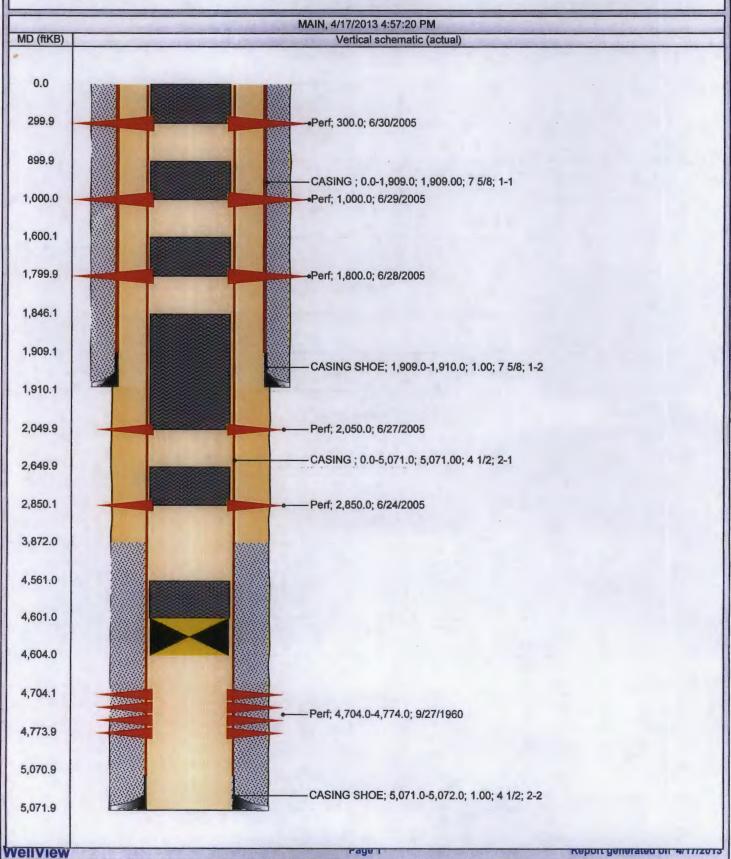
# NEW . XICO OIL CONSERVATION CC AISSION Santa Fe, New Mexico

### NOTICE OF INTENTION TO DRILL

Notice must be given to the Oil Conservation Commission or its proper agent and approval obtained before drilling begins. If changes in the proposed plan are considered advisable, a copy of this notice showing such changes will be

			in Antonio	Texas	Februar	Y 249 1747
CONSER	VATION COM	MISSION,	7 5 10 1			
atlemen:						
You	are hereby no	otified that it is ou	r intention to com	mence the drilli	ng of a well to be I	known as
H. Went	z (Oil Div			State ·	Well No. 5-B	inCen. NW/4-S
3	т 17	OR OPERATOR	N M P M Sou	th Lovington	Prield, Lea	County.
		The well is	L980 feet (N	) Kill of the	South line and	660 feet
					S, 36-B	
					subdivision lines.	
		directions.)				
					119 Assignment N	
		ł				
		1			***************************************	
AREA (	40 ACRES					
OCATE WE	LL CORRECTLY	We propose	to drill well with d	rilling equipmen	nt as follows:	
BIZK OF	SIZE OF	WEIGHT PER FOOT	NEW DR	DEPTH	LANDED DR	SACKS
HOLE	CABING	WEIGHT PER FOOT	SECOND HAND	DEPTH	CEMENTED	CEMENT
7-1/2	13-3/8 OD	45#	New	3001	Cemented	190
7-1/2 1	13-3/8 OD 8-5/8 OD	#	SECOND HAND		Cemented Cemented	190 150
7-1/2 1	13-3/8 OD	45#	New	3001	Cemented	190
7-1/2 1 -5/8	13-3/8 OD 8-5/8 OD 5-1/2 OD	45# 28# 17#	New New New	3001 19751 4735	Cemented Cemented Cemented	190 150 150
7-1/2 1 -5/8	13-3/8 OD 8-5/8 OD 5-1/2 OD	45# 28# 17# n become advisable	New New New New we will notify you	3001 19751 4735	Cemented Cemented Cemented Cemented	190 150 150
7-1/2 1 -5/8 changes in	13-3/8 OD 8-5/8 OD 5-1/2 OD the above pla	45# 28# 17# n become advisable	New New New	3001 19751 4735	Cemented Cemented Cemented Cemented	190 150 150
7-1/2 1 -5/8 changes in	13-3/8 OD 8-5/8 OD 5-1/2 OD	45# 28# 17# n become advisable	New New New New we will notify you	3001 19751 4735	Cemented Cemented Cemented Cemented	190 150 150
7-1/2 1 -5/8 changes in	13-3/8 OD 8-5/8 OD 5-1/2 OD the above plate productive oil aformation:	45# 28# 17# n become advisable or gas sand should	New New New New we will notify you	3001 19751 4735	Cemented Cemented Cemented Cemented	190 150 150
7-1/2 1 -5/8 changes in the first ditional in	13-3/8 OD 8-5/8 OD 5-1/2 OD a the above pla a productive oil aformation:	28# 17#  n become advisable or gas sand should	New New New we will notify you l occur at a depth	3001 19751 4735 before cementi of about 4750	Cemented Cemented Cemented Cemented	190 150 150
7-1/2 1 -5/8 changes in the first ditional in	13-3/8 OD 8-5/8 OD 5-1/2 OD a the above pla a productive oil aformation:	45# 28# 17# n become advisable or gas sand should	New New New New New New Sincere	3001 19751 4735 before cementi of about 4750	Cemented Cemented Cemented ing or landing casin	190 150 150 g. We estimate
7-1/2 1 -5/8 changes in the first ditional in proved	13-3/8 OD 8-5/8 OD 5-1/2 OD the above pla productive oil aformation:	28# 17# n become advisable or gas sand should	New New New New New New Sincere	3001 19751 4735 before cementi of about 4750	Cemented Cemented Cemented Cemented	190 150 150 g. We estimate
7-1/2  1 -5/8  changes in the first ditional in Except i	13-3/8 OD 8-5/8 OD 5-1/2 OD a the above pla a productive oil aformation:	28# 17#  n become advisable or gas sand should	New New New New New New Sincere	3001 19751 4735 before cementi of about 4750	Cemented Cemented Cemented ing or landing casin	190 150 150 g. We estimate
7-1/2 1 -5/8 changes in the first ditional in Except in	13-3/8 OD 8-5/8 OD 5-1/2 OD a the above pla a productive oil aformation:	28# 17#  n become advisable or gas sand should	New New New we will notify you d occur at a depth  Sincere L. H	3001 19751 4735  before cementi of about 4750 ely yours, WENTZ (OII	Cemented Cemented Cemented ing or landing casin	190 150 150 g. We estimate
7-1/2 1 -5/8 changes in at the first ditional in Except in Except in COMPLIA OF OPC-	13-3/8 OD 8-5/8 OD 5-1/2 OD a the above pla a productive oil aformation:	28# 17#  n become advisable or gas sand should	New New New New New Sincere L. H  By	3001 19751 4735  before cemention about 4750 ely yours, WENTZ (OII	Cemented Cemented Cemented Cemented ing or landing casin feet.  DIVISION	190 150 150 g. We estimate
7-1/2 1 -5/8 changes in the first ditional in Except in Except in COMPLIA OF OPC-	13-3/8 OD 8-5/8 OD 5-1/2 OD a the above pla a productive oil aformation:	28# 17#  n become advisable or gas sand should	New New New New New Sincere L. H  By Position Send of	3001 19751 4735  before cemention about 4750 ely yours, WENTZ (OII	Cemented Cemented Cemented Ing or landing casin feet.  DIVISION) COMPANY OR OPERAY OR OPERAY OR OPERAY OR OPERAY OR OPERAY OR OPERAY	190 150 150 g. We estimate





### 1.910   SURFACE   1.910   1.900	WEST LOV	NGTON	UNIT # 38	Cooin	a and Ca	mont C	ummor.	,		753
PURE RESOURCES, L.P				Casin		ement S	ummary			
Casing Strings   SurPrACE   1,910,0HKB   SurPrACE   SurPrACE   SurPrACE   SurPrACE   1,910,0HKB   SurPrACE   SurPrACE   SurPrACE   1,910,0HKB   SurPrACE   SurPrACE   1,910,0HKB   1,910				OURCES I	<u> </u>		rea		ľ	9
Casing Strings   SURFACE   1,910.0ftK8   SURFACE   Casing 9/21/1960   SURFACE   1,910.0ftK8   SURFAC		ft)		0011020, 2	Spud Date		Rig Release Da			
SURFACE   SURF					9/5/19	060 00:00				
SURFACE   SURF	Casing Strings									
Semple   S		n office								
Casing Components	Run Date			i					Set Depth (ftKB)	
Section   Casing (red)   7.56   Hot   24.00   1.990.00			SURFACE							1,910.0
CASING CASING (Casing shoe 7 5/8 1440 24.00 1,909.00 Casing shoe (old) 7 5/8 1440 24.00 1,909.00 Casing shoe (old) 7 5/8 1440 24.00 1,909.00 Casing shoe (old) 7 5/8 1440 24.00 1,909.00 Casing shoe (old) 7 5/8 1440 24.00 1,909.00 Casing Components  SPRODUCTION SATZ-ORIKE  SIMP Date Date Date Casing Security (old) 8 1/2 J55 9.50 5,071.00 J5 5,072.00 Casing Components  CASING Casing (red) 4 1/2 J55 9.50 5,071.00 J5 5,072.00 Casing Components  SURFACE, Casing, 9/8/1980 01:00  SURFACE, Casing, 9/8/1980 01:00  SURFACE Casing SURFACE, 1,910.0ftKB 9/8/1980  SURFACE Casing SURFACE CASING SURFACE, 1,910.0ftKB 9/8/1980  COMPONENT Stages  SURFACE CASING SURFACE, 1,910.0ftKB 9/8/1980  COMPONENT Stages  COMPONENT STAGE	Casing Compon		es		Icon	OD (in)	Grade	Wt (lb/ft)	Len (ft)	Jts
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PRODUCTION	CASING SHOE					7 5/	8		1.00	
Rich Date   921/1980   Claing Description   PRODUCTION   Start Date				(ol	d)					L
Solution   Solution		5,072.0ftKB	Casing Description	1					Set Denth (ffk/R)	
Item Des		/1960							Set Depti (tivb)	5,072.0
Casing (red)   4 1/2   J55   9,50   5,071.00	Casing Compon									
Surpace   Surp	CASING	Item D	es	Ca						Jts
Start Date   Comment   Casing, 9/8/1960 01:00   Start Date   Casing, 9/8/1960   Start Date	CASING			Ca	ising (rea)	4 1/	2 355	9.	5,071.00	
Start Date   Comment   Casing, 9/8/1960 01:00   Start Date   Casing, 9/8/1960   Start Date										
Start Date   Comment   Casing, 9/8/1960 01:00   Start Date   Casing, 9/8/1960   Start Date				, , , , , , , , , , , , , , , , , , ,						
Start Date   Comment   Casing, 9/8/1960 01:00   Start Date   Casing, 9/8/1960   Start Date										
Start Date   Sta	1	0/0/4000								
SURFACE   Casing   SURFACE, 1,910.0ftKB   9/8/1960   Casing   SURFACE, 1,910.0ftKB   Surf	Description	ng, 9/8/1960		String		IStart Date	Comment			
Section   Per	SURFACE				E, 1,910.0ftKB		Commont			
Description   Type   String   Start Date	Cement Stages									
1,910.4		0-1,910.0ftKB				Detters Death (6)	(B)			
Comment   Comm	Top Depth (RKB)				0.0		(B)			1,910.0
Class   Com	Comment	0/ OEL BLUO	40007 050 0111							
Amount (sacks)   Class   String   Start Date   String   PRODUCTION   String   PRODUCTION   String   PRODUCTION   Stort Date   String   Stort Date   String   PRODUCTION   Stort Date   String   Stort Date		% GEL PLUS	100SX REG PLUC	3. CMT CIRC	<i>.</i>					
PRODUCTION		Class					Com			
PRODUCTION										
PRODUCTION   Casing   PRODUCTION   5,072.0ftKB   9/21/1960   9/2		Casing, 9/21/								
5,072.0ftKB				String	CTION		Comment			
Stagenum>, 3,872.0-5,072.0ftKB   Top Depth (ftKB)	I Koboonon		Casing			9/21/1900				
Source   S	Cement Stages					<u> </u>				
3,872.0   5,072.0		372.0-5,072.0	ftKB							
Comment   CMT W/200SX 4%GEL	Top Depth (ftKB)				3 872		(B)			5 072 0
Cement Fluids   Class   Com	Comment				0,012.	91				0,012.0
Com		%GEL								
Cemt plug, Plug, 7/18/1984 00:00  Description Type Plug PRODUCTION, 5,072.0ftKB  Cement Stages  **stagenum>, 4,561.0-4,601.0ftKB  Top Depth (ftKB)  Comment  Cement Fluids  Start Date 7/18/1984  Comment  A,561.0  Start Date 7/18/1984  Comment  Comment  Comment  A,601.0  A,601.0  Comment  Cement Fluids		Class					Com		····	
Description Crit plug String PRODUCTION, 5,072.0ftKB  Cement Stages <stagenum>, 4,561.0-4,601.0ftKB  Type Plug PRODUCTION, 5,072.0ftKB  Start Date 7/18/1984  Comment Stages  <stagenum>, 4,561.0-4,601.0ftKB  Type Plug PRODUCTION, 5,072.0ftKB  Start Date 7/18/1984  Comment Stages  Stages Date 7/18/</stagenum></stagenum>	(500)	0.000								
Plug		7/18/1984 00:	00							
5,072.0ftKB	Description				TION		Comment			
Cement Stages           < stagenum>, 4,561.0-4,601.0ftKB         Bottom Depth (ftKB)         4,561.0         4,601.0           Comment         Cement Fluids         4,601.0 <t< td=""><td>crnt plug</td><td></td><td>Plug</td><td></td><td></td><td>//18/1984</td><td></td><td></td><td></td><td></td></t<>	crnt plug		Plug			//18/1984				
Bottom Depth (ftKB)   4,561.0   Comment   Cement Fluids   Source	Cement Stages			1-7			11-12-			
4,561.0 4,601.0 Comment Cement Fluids	<stagenum>, 4,5</stagenum>	61.0-4,601.01	tKB							
Comment Cement Fluids	Top Depth (ftKB)				4 561 (		(B)			4 601 (
	Comment				4,501.0					4,001.0
	0									
CGS CUII		Class					Com			
	, anount (sacks)	Cidos				·	Odii			
										- 41

#### **WEST LOVINGTON UNIT #38 Casing and Cement Summary** Casing Components Grade Wt (lb/ft) Jts Item Des Ісоп OD (in) 1.00 CASING SHOE Casing shoe 4 1/2 (old) Coment CMT PLUG , Plug, 6/24/2005 00:00 Description Start Date Comment CMT PLUG PRODUCTION, 6/24/2005 Plug 5,072.0ftKB Cement Stages <stagenum>, 2,650.0-2,850.0ftKB Top Depth (ftKB) Bottom Depth (ftKB) 2,850.0 2,650.0 SQUEEZE 60SX CMT UNDER KR AT 2325 Cement Fluids Amount (sacks) Class Com CMT PLUG 2, Plug, 6/27/2005 01:00 Start Date Comment Description Plug CMT PLUG 2 PRODUCTION, 6/27/2005 5,072.0ftKB Cement Stages <stagenum>, 1,846.0-2,050.0ftKB Bottom Depth (ftKB) Top Depth (ftKB) 2,050.0 1,846.0 SQUEEZE 60SX CLASS C CMT **Cement Fluids** Amount (sacks) Com Class CMT PLUG 3, Plug, 6/28/2005 01:00 Start Date Comment CMT PLUG 3 Plug PRODUCTION. 6/28/2005 5,072.0ftKB Cement Stages <stagenum>, 1,600.0-1,800.0ftKB Top Depth (ftKB) Bottom Depth (ftKB)

Cement Fluids
Amount (sacks)

SQUEEZE 60SX CLASS C CMT

Class

Com

1,600.0

1,800.0

WEST LOV	INGTON	N UNIT # 38	Casing and (			
Coment						
CMT PLUG 4, P Description	Plug, 6/29/20	005 01:00  Type	String	Start Date	Comment	
CMT PLUG 4		Plug	PRODUCTION, 5,072.0ftKB	6/29/2005		
Cement Stages <stagenum>, 90</stagenum>		oftKB		<u> </u>		
Top Depth (ftKB)	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		90	Bottom Depth (fi	KB)	1,000.0
Comment SQUEEZE 40S>	CLASS C	СМТ				
Amount (sacks)	Class				Com	
CMT PLUG 5, P	Plug, 6/30/20					
Description CMT PLUG 5		Type Plug	String PRODUCTION, 5,072.0ftKB	Start Date 6/30/2005	Comment	
Cement Stages <stagenum>, 0.</stagenum>		3				
Top Depth (ftKB)  Comment				0.0 Bottom Depth (fi	KB)	300.0
70SX CLASS C	CMT		W- 414			
Amount (sacks)	Class				Com	
					40	

VEST LOVING		* * * * * * * * * * * * * * * * * * * *	Well	Summa	ry				
API/UWI 30-025-03863		eld Name	Area	Operat			unty	State/ NM	Province
Original KB Elevation (ft)	Ground Elevation	OVINGTON; UPPER SA	(B-Ground Distance (ft)	Spud Date	E RESOURCE 1960 00:00	Rig Release		Completion	n Date
Surface Legal Location M-17S-36E		,		North/South D	istance (ft)	660.0 S	East/Wes	t Distance (ft)	660.0 W
*		* *			Wellbore Wellbore Name	IProfi	ile Type		VS Dir (
formname>	rill Top Commen	t			MAIN		Act Btm (fti	(B) Start Date	End Date
Other Picks					Size (in) 9 7/8	Act Top (ftKB) 0.0	1,91		EIG Date
Top (ftKB)				7 7/8	1,910.0	5,07	2.0		
Perforations								Shot Dens	T
Date 6/30/2005 00:00			Туре	To	p (ftKB) 300.0	Btm (ft/	(B) 300.0	(shots/ft)	Entered Shot Tot
6/29/2005 00:00					1,000.0		1,000.0		
6/28/2005 00:00				1	1,800.0		1,800.0		
6/27/2005 00:00					2,050.0		2,050.0		ì
6/24/2005 00:00 9/27/1960 00:00					2,850.0 4,704.0		2,850.0 4,774.0		
									<u> </u>
General Notes  Date					Com				
9/27/1960			4713, 4716-4720, 4	742-4750, 476					
5/25/1969		VERTED TO I	NJECTION						
7/19/1984	WELL SI								
6/30/2005	WELL P&A								

Page 1

WellView

Report generated on 4/17/2013

DWI -025-03863 inal KB Elevation (ft)  Cation  West Distance (ft) ace Legal Location 17S-36E	Ground Elevation	ON; UPPER SAN AND		and Date	Operator PURE RESOURCES, L.	County LEA	State/ NM	Province
inal KB Elevation (ft)  Cation  West Distance (ft)  ace Legal Location  17S-36E  Ibing Componen	Ground Elevation			and Data			I IN IN	
West Distance (ft) ace Legal Location 17S-36E	East/\			9/5/19	Rig Release Date		Completion Date	
West Distance (ft) ace Legal Location 17S-36E								
ibing Componen	660.0 W	West Reference			North/South Distance (ft)	660.0 S	h/South Reference	
(in)								
OD (in)	Item Des	Len (ft)	Jts	Btm (ftKB)	Des	Run	Date Pull Date	Set Dep
	****							
od Components								
DD (in)	Item Des	Len (ft)	Jts	Btm (ftKB)	Rod Des	Run I	Date Pull Date	Set Dep
her in Hole								
Des	Run Date	Pull Date		Top (ftKB)	OD (in)		Com	
IP .	7/18/1984			4,6	601.0 4			

WellView Page 1 Report generated on 4/17/2013

### RECEIVED

FEB 07 2011

## OCD-HOBBS

Temporarily Abandon

Water Disposal

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED OM B No. 1004-0137 Expires: March 31, 2007

## Expires: March 31, 2007 5. Lease Serial No.

#### SUNDRY NOTICES AND REPORTS ON WELLS

SUNDRY NUTICES	AND REPURIS ON WELLS	
Do not use this form for	proposals to drill or to re-enter an m 3160-3 (APD) for such proposals.	6. If Indian, Allottee or Tribe Name
SUBMIT IN TRIPLICATE	7. If Unit or CA/Agreement, Name and/or No. West Lovington Unit	
1. Type of Well Gas Well	Other Ty	8. Well Name and No. West Lovington Unit No. 38 WIW
2. Name of Operator Pure Resources, L.P.	·	9. API Well No.
3a Address :	3b. Phone No. (include area code)	30-025-03863
15 Smith Road, Midland, TX 79705	432-687-7826	10. Field and Pool, or Exploratory Area
4. Location of Well (Footage, Sec., T., R., M., or Sur	vey Description)	Lovington; Upper San Andres, West
660' FSL & 660' FWL, UL M, Sec 3, T-17-S	· , .	11. County or Parish, State
		Lca, NM
12. CHECK APPROPRIATE	BOX(ES) TO INDICATE NATURE OF NOTICE,	REPORT, OR OTHER DATA
TYPE OF SUBMISSION	TYPE OF ACTION	
Acidize	Deepen Production	(Start/Resume) Water Shut-Off
Notice of Intent Alter C		Well Integrity
Subsequent Report Casing	Repair New Construction Recomplete	Other

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof.

If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones.

Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Plug and Abandon

Plug Back

This wellbore was plugged and abandoned on June 30, 2005. Previous operator failed to complete Reclamation. The following was done and completed Monday, October 6, 2008. Location and road to wellbore was ripped and seeded with seed mixture #4 at a rate of 16 lbs/acre by RWI.

\_\_ Change Plans

Convert to Injection

Remove inj. line and conduit to the North & NDE of DHM. Upon completion Submit FAN to Authorize location release Due 3-15-4

14. Thereby certify that the foregoing is true and correct Name (Printed/Typed)	
	Title Regulatory Team Lead
Signature Allhad Englos	Date 10/16/16 BED FUR KECURD
THIS SPACE FOR FEDERAL	OR STATE OFFICE USE
to the state of	JAN 2 9 2011
Approved by	Title Date
Conditions of approval, if any, are attached. Approval of this notice does not warra	
certify that the applicant holds legal or equitable title to those rights in the subject lo	ease Office
which would entitle the applicant to conduct operations the control 2 9	BUREAU OF LAND MANAGEMENT
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any States any false, fictitious or fraudulent statements or representations as to any matter.	y person knowingly and willful to make to (any department or agency) lof the United

(Instructions on page 2)

Final Abandonment Notice

## New Mexico Oil Comercration Division, District I

Form 3160-5 (April 2004)

1625 N. French Drive

Hobbs, NM 88249 FORM APPROVED OM B No. 1004-0137 Expires: March 31, 2007 UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT Lease Serial No NM 020491 SUNDRY NOTICES AND REPORTS ON WELLS 6. If Indian, Allottee or Tribe Name Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals. 7. If Unit or CA/Agreement, Name and/or No. SUBMIT IN TRIPLICATE- Other instructions on reverse side. 1. Type of Well Oil Well West Lovington Unit Gas Well Other 8. Well Name and No. West Lovington Unit No. 38 WIW 2. Name of Operator Pure Resources, L. P. API Well No 30-025-03863 3h Phone No (include area code) 3a Address 432-498-8662 500 W. Illinois Midland, Texas 79701 10. Field and Pool, or Exploratory Area Lovington; Upper San Andres, West 4. Location of Well (Footage, Sec., T., R, M., or Survey Description) 11. County or Parish, State 660' FSL & 660' FWL UL M, Sec 3, T-17-S, R-36-E 12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA TYPE OF SUBMISSION TYPE OF ACTION Production (Start/Resume) Acidize Water Shut-Off Deepen Notice of Intent Alter Casing Fracture Treat Other PAGE 1 of P&A New Construction Recomplete Subsequent Report Plug and Abandon Súndry Change Plans Temporarily Abandon Final Abandonment Notice ☐ Water Disposal © ≥ 1 Plug Back Convert to Injection 13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once following completion of the involved operations. If the operation is suited an amount of the complete of the involved operations in a manage complete of the complete of the operator has determined that the site is ready for final inspection.) On 6/22/2005, MIRU Basic Energy Plugging Rig, ND WH, NU BOP, POH 1jt tbg. On 6/23/2005, PU & RIH w/bg. Well full of fluid, wait on wac truck. Connect truck on csg, run tbg. to 4,500°, mlx & circulate hole w/9.5# Mud Laden Fluid (MLF). POH w/80jts tbg. On 6/24/2005, open well, blow down gas on annulus, POH w/tbg. RU WL, RIH w/WL & perf @ 2,850°, POH w/Wl. RIH w/pkr, tō 2,636°, establish Pump-In-Rate (PIR) @ 1 BPM & 1600psil. Consult BLM Representative, unseat pkr. & PUH to 2,325°. Mix & squeeze 60sx (14\*Bijs) Class "C" cmt mixed @ 6GPS(Yld: 1,321/35x, Wt: 14.8 PPG) @ 1 BPM & 1600psi. Displace TOC to 2,650°, ISDP=1400psi. (Amount of cement/incressed as per BLM). On 6/27/2005, open well, tbg. is static pressure under pkr. to 500psi, unseat pkr. & POH. RIH w/WL & perforate @ 2,050°, POH. RIH w/pkr. & set @ 1,612°, establish PIR, mix & squeeze 60sx (14\*Bils) Class "C" cmt. mixed @ 6GPS(Yld: 1,321/35xx, Wt: 14.8 PPG) @ 1 BPM & 1300psi. Displace TOC to 1,850°. SIP=1300psi. On 6/28/2005, open well, tbg. is static. Gas bubbles on 4-12\*"17-58# annulus. Install gauge, monitor annulus for 1 Hr. Pressured up to 17psi. Consulted BLM. Unseat pkr. & pull up to 1,426° & set pkr. RIH w/WL & tag TOC @ 1,846°. PU & perforate @ 1,800°. POH w/Wl. Establish PIR, pkg. 1 Static Gas cont. mixed @ 6GPS(Yld: 1,321/3/sx, Wt: 14.8 PPG) @ 1 BPM & 1500psi. Displace TOC to 1,600°. Static Hospin. On 6/29/2005, onen well, top pressure on tbg. or css., monitor 4-1/2\*"17-58# annulus. perforate @ 1,800°. POH W/WL. Establish FIR, mix & squeeze obst (14BbB) Class "C." cmt. mixed @ oct-5(31d: 1.32f15/sx, wi: 14.8 FPG) @ 1 BPM & 1400psi. Displace TOC to 1,600°. SIP=1400psi. On 6/29/2005, open well, no pressure on tbg. or csg., monitor 4-1/2"x7-5/8" annulus for 30 minutes, no bubbles. Unseat pkr., POH & lay down tbg. & pkr., RIH w/WL, check annulus & found to be bubbling. Consulted Mr. Steve Caffey w/BLM. Perforated 4-1/2" csg. @ 1,000°, POH w/WL, RIH w/tbg. & pkr. Set pkr. @ 589°, establish PIR, pump & circulate 60Bbls of 10# MLF, mix & squeeze 40sx (9.4 Bbls) Class "C" cmt. mixed @ 6GPS(Yld: 1.32ft3/sx, Wt: 14.8 PPG) @ 2 BPM & 100psi. Displace TOC to 900'. (Note: Close annulus, pressure up on sqz to 600psi) On 6/30/2005, open well, no pressure, no bubbles, pressure up on 4-1/2" csg to 1000psi-OK. Unseat pkr., POH w/tbg. & pkr. RIH w/WL & perforate @ 300', POH w/WL. (End PAGE 1) 14. I hereby certify that the foregoing is true and correct Alan W. Bohling Title Regulatory Agent Alank Bohlow 09/13/2005 Date THIS SPACE FOR FEDERAL OR STATE OFFICE USE SEP 15 2005

(Instructions on page 2)

CALIG SGDJ DAVID & GLASS

which would entitle the applicant to conduct operations thereon

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease

approved as to plugging of the well been eability under bond is retained until rurface restoration is completed.

PETROLELIM ENGINEES

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Form 3160-5 (April 2004)

## UNITED STATES DEPARTMENT OF THE INTERIOR

FORM APPROVED
OM B No. 1004-0137
Expires: March 31, 200

DEFINITION OF THE	THE PARTY OF THE P			<u> </u>	Expuso. ME	20131,2007			
BUREAU OF LAND MANAGEMENT					5. Lease Serial No. NM 020491				
Do not use this form for proposals t	SUNDRY NOTICES AND REPORTS ON WELLS  Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.					Tribe Nan	ne		
SUBMIT IN TRIPLICATE- Other inst	ructions on i	revers	e side.	I	-		e arid/or No.		
1. Type of Well				West I	West Lovington Unit				
☐ Oil Well ☐ Gas Well ☐ Other					8. Well Name and No. West Lovington Unit No. 38 WIW				
2. Name of Operator Pure Resources, L. P.				9. API W					
3a Address 500 W. Illinois Midland, Texas 79701	3b. Phone No. 432-498-866		rea code)		-03863 ad Pool, or I	xploratory	Area		
4. Location of Well (Footage, Sec., T., R., M., or Survey Description)				Lovington; Upper San Andres, West					
660' FSL & 660' FWL UL M, Sec 3, T-17-S, R-36-E				11. County		State			
12. CHECK APPROPRIATE BOX(ES) TO	O INDICATE N	VATURE	OF NOIKO	E, REPORT, O	R OTHER	DATA			
TYPE OF SUBMISSION		TYPI	OF ACTIO	Λ.					
Notice of Intent Acidize Alter Casing	Deepen Fracture Tree	at	Productio	n (Start/Resume)		er Shut-Off			
Subsequent Report Casing Repair	New Constr	uction	Recomple	te	Othe	PAGE			
Final Abandonment Notice Convert to Injection	Plug and Ab	andon	Temporar Water Di	ily Abandon		Sundry			
testing has been completed. Final Abandonment Notices shall be determined that the site is ready for final inspection.)  PAGE 2 - Continuation of activity of 6/30/2005:  Establish circulation to surface out 4-1/2"x7-5/8" csg. (Yid 1.32f3/ss, Wt. 14.8 PPG) down 4-1/2" csg & circulation to surface out 4-1/2 "csg & circulation to surface out 4-1/2" csg & circulation	ND BOP. NU Fl	lange to v	well. Mix & ;	ump 70sx (16 Bb)	s) Class "	C" emt. m	nixed @ 6GPS		
· .:									
14. I hereby certify that the foregoing is true and correct Name (Printed/Typed)			<del></del>						
Alan W. Bohling		Title Re	egulatory Age	nt					
Signature alan bolling		Date		09/13/2005					
THIS SPACE FOR	RFEDERAL	OR S	TATE OF	ICE USE					
Approved by  Conditions of approval, if any, are attached. Approval of this notion		101	em em	MEER	Date	SEP	1 5 2005		
certify that the applicant holds legal or equitable title to those right which would entitle the applicant to conduct operations thereon.			ffice						
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make States any false, fictitious or fraudulent statements or representation	it a crime for any	person kn within its	owingly and w jurisdiction.	illfully to make to	ny departm	ent or ager	icy of the United		
(Instructions on page 2)		7.4							

Form 3160-5 (April 2004)

I. Type of Well Oil Well

2. Name of Operator

New Mexico Oil Conservation Division, District Largove

UNITED STATES DEPARTMENT OF THE INT BUREAU OF LAND MANAGE	1625 N.	Frenc	h Drive
DEPARTMENT OF THE INT	ERLOR	ATA	202116
BUREAU OF LAND MANAGE	MENTURE	, INIT	8524 <del>9</del>

	Exton	res: Man	ch 31, 20
Lease Se	rial No.		
NM	020	491	

If Indian, Allottee or Tribe Name

#### SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160 - 3 (APD) for such proposals.

SUBMIT IN TRIPLICATE- Other instructions on reverse side.

	/		
	7. If Unit or CA/Agreement, Name and/or No.		
_			
	8. Well Name and No.		
	West Lovington Unit No.	38	W
	9. API Well No.		
	30-025-03863		

3a Address 500 W. Illinois Midland, TX 79701 4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Gas Well

Pure Resources, LP

3b. Phone No. (include area code) (432) 498-8662

10. Field and Pool, or Exploratory Area Lovington,Upper San Andres, West 11. County or Parish, State

W

660' FLS & 660' FWL

UL M, Sec 3, T-17-3, R-36-E

Lea County, NM

12 CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA								
TYPE OF SUBMISSION		TYPE OF ACTION 31-12.2						
Notice of Intent Subsequent Report Final Abandonment Notice	Acidize Alter Casing Alter Casing Casing Repair Change Plans Convert to lejection	Deepen Fracture Treat New Construction Plug and Abandon Plug Back	Production (Start/Resume) Rectamation Recomplete Temporarily Abandon Water Disposal	□ West Shir Off □ West Integrity □ Other □ □				

13. Describe Proposed or Completed Operation (clearly state all perfacent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give substitute locations and measured and true vertical depths of all protinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

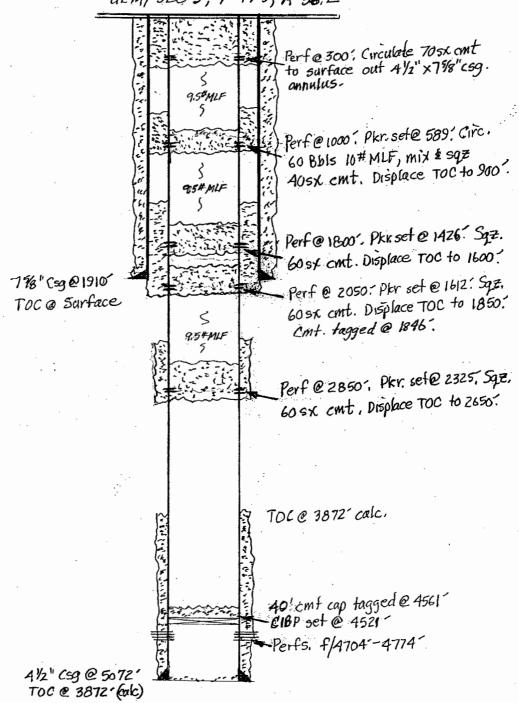
6/21/05 1. Co. Rep. notified BLM. 6/23/05 2. Circulate 4-1/2" csg w/ 10# MLF. 6/24/05 3. Sqz. 60 sx. cmt. under pkr. @ 2325' @ 1 bb1/min. @ 1600 psi, displace TOC to 2650', SIP @ 1400 psi. 6/27/05 4. Sqz. 60 sx. cmt. under pkr. # 1612' @ 1 bb1/min. @ 1300 psi, displace TOC to 1850', SIP @ 1300 psi, tag TOC @ 1846' on 6/28/05. 6/28/05 5. Sqz. 60 sx. cmt. under pkr. 3 1426' 3 1 bb1/min. 3 1400 psi, displace TOC to 1600', SIP @ 1400 psi. 6/29/05 6. Pressure test 4-1/2" csg. to 1600 psi, pressure held, slight bubbles on 4-1/2 X 7-7/8 annulus, pressure built up to 17 psi in 1 hr. and overnight, perf @ 1000' as per BLM Steve Caffey, mix & sqz. 40 sx. cmt. under pkr. @ 589' thru perfs @ 1000' after circulating 4-1/2 X 7-7/8 annulus w/ 10# MLF, close annulus valve, pressure up to 600 psi. 6/30/05 7. No bubbles on well, pressure test to 1000 psi. 8. Perforate @ 300', mix & circulate 70 sx. cmt. down 4-1/2" csg thru perfs @ 300' w/ cmt circulated to (cont'd)

14. I hereby certify that the foregoing is true and correct Name (Printed/Typed)							
Reger Massey.	Title Agent						
Signature Low Augs	Date 7/12/05						
THIS SPACE FOR FEDERAL OR STATE OFFICE USE							
Approved by AMERICA SCILLI DAVID R. GLASS	PRINCIPLE DEL JUL 2 6 2005						
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would cantle the applicant to conduct operations thereon.							
itle 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to 'any department or agency of the United tates any false, definious or faminful and statement or representations as to any matter within its jurisdiction.							

Approved as to plugging of the well be Elablity under bond is retained until motace restoration is completed.

## WEST LOVINGTON UNIT NO. 38 WIW

P&A WELLBORE SCHEMATIC 660' F5L & 660' FWL ULM, SEC 3, T-17-5, R-36-E



AWB 9/2/05

West Lovington Unit No. 38 WIW cont'd  $^{\rm tot}$ 

surface out 4-1/2" x 7-5/8" annulus. 9. RDMO. Cut off wellhead & anchors, install dry hole marker, and clean location.

Form 3160-5 (April 2004)

1. Type of Well Oil Well

660' FSL & 660' FWL UL M, Sec. 3, T-17-S, R-36-E

TYPE OF SUBMISSION

Final Abandonment Notice

Notice of Intent

Subsequent Report

3a. Address

2. Name of Operator Pure Resources, LP

500 W. Illinois, Midland, Texas 79701

### **UNITED STATES** DEPARTMENT OF THE INTERIOR

## **BUREAU OF LAND MANAGEMENT**

#### SUNDRY NOTICES AND REPORTS ON WELLS

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

DEP BUR SUNDRY NO Do not use this abandoned well.	FORM APPROVED OM B No. 1004-0137 Express: March 31, 2007  5. Lease Serial No. NM 020491  6. If Indian, Allottee or Tribe Name  7. If Unit or CA/Agreement, Name and/or No. West Lovington Unit  8. Well Name and No.					
IBMIT IN TRIPL Oil Well G						
Is, Midland, Texas 79701  Jab. Phone No. (include area code) 432-498-8662  Jab. Phone No. (include area code) 432-498-8662  Jab. Phone No. (include area code) 432-498-8662				West Lovington Unit No. 38 WIW  9. API Well No. 30-025-03863  10. Field and Pool, or Exploratory Area Lovington, Upper San Andres, West  11. County or Parish, State		
3, T-17-S, R-36-E  12. CHECK APPR SUBMISSION	OPRIATE BOX(ES) TO		OF NOTICE, R	l	y, New Mexico THER DATA	
Intent [ Intent [ Int Report [ Indomment Notice [	☐ Change Plans ☐ Plug and Abandon ☐ Temporarily Abandon ☐					
osal is to deepen direction  Bond under which the was completion of the involve been completed. Final A d that the site is ready for	erations to contain all fluid	y, give subsurface locations de the Bond No. on file wi results in a multiple comple filed only after all requirem	and measured and true th BI M/BIA Require	se vertical depths of	f all pertinent marker ats shall be filed with Form 3160-4 shall b	s and zones. in 30 days e filed once
RU DDU. Install BO	-	· o <del>v</del>		617 18	2000 ph (2000 ph)	28293

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting da If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. following completion of the involved operations. If the operation results in a multiple completion or recomp testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including determined that the site is ready for final inspection.)

Will use frac tanks during operations to contain all fluids. No pits to be used. Work to be started upon approval of procedure.

- 1. MI & RU DDU. Install BOP.
- 2. Release packer. Pull out of hole with tubing and packer.
- 3. Perforate casing at 2850'. Squeeze with 25 sx. cement. Displace top of cement to 2750'.
- Perforate casing at 2050'. Squeeze with 60 sx. cement. Displace top of cement to 1850'. Tag top 5. Set 60' surface plug. Cut off wellhead and install dry hole marker.

 I hereby certify that the foregoing is true and correct Name (Printed/Typed) Patricia Culpepper Title Agent 04/28/2005 Signature Date THIS SPACE FOR FEDERAL OR STATE OFFICE USE DEED SGD.) DAVID R. GLAS APR 2 9 2005 Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to halfe to any department or assence of States any false, fictitious or fraudulent statements or representations as to anymatter within its jurisdiction.

(Instructions on page 2)

GWW

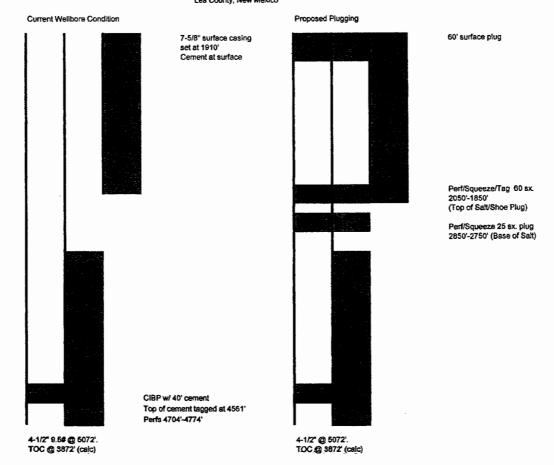
which would entitle the applicant to conduct operations thereon.

CONDITIONS OF APPROVAL

#### Pure Resources, LP

. . '-**a** 

West Lovington Unit No. 38 WIW Section 3, T-17S, R-38-E Lea County, New Mexico



Form 3160-5 (August 1999)

## UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED	
OMB No. 1004-0135 Expires November 30,	
Expires November 30,	2000

OMB No. 1004-0135 Expires November 30, 2000
5. Lease Serial No. NM 020491
6. If Indian, Allottee or Tribe Name
7. If Unit or CA/Agreement, Name and/or No. West Lovington Unit
8. Well Name and No. West Lovington Unit No. 38 WIW
9. API Well No. 30-025-03863
10. Field and Pool, or Exploratory Area Lovington, Upper San Andres, West
11. County or Parish, State Lea NM

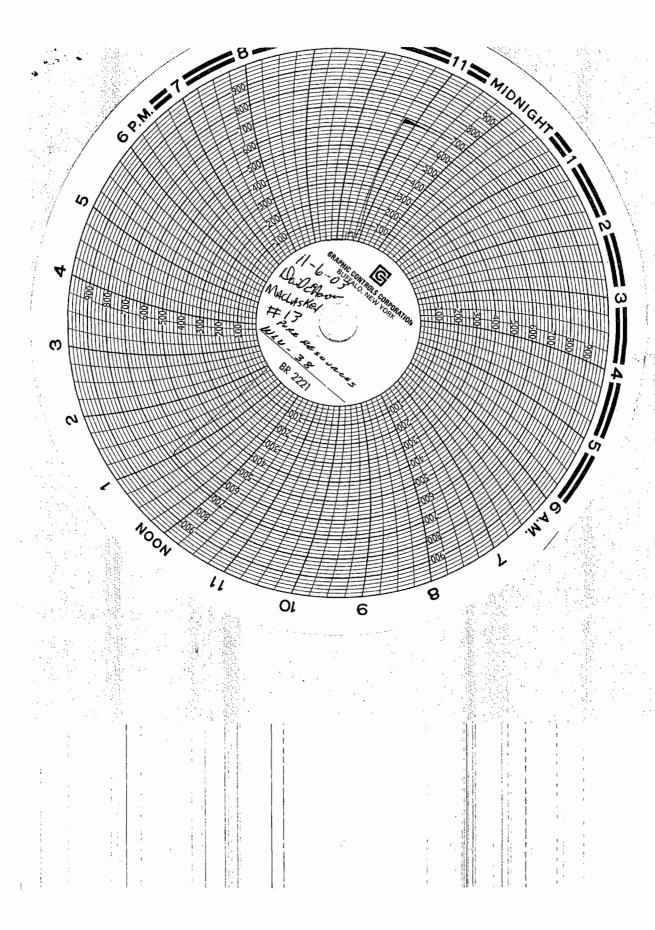
SUNDRY	( NOTICES AND REPOR	TS ON WE	LLS	1	14W 02049	
	is form for proposals to d eli. Use Form 3160-3 (APD)				6. If Indian,	Allottee or Tribe Name
1. Type of Well	pud train out of the	ilots copre	ubil og		7. If Unit or West Lovir	CA/Agreement, Name and/or No.
Oil Well Gas Well	Other				8. Well Nam	e and No. ngton Unit No. 38 WIW
2. Name of Operator Pure Resources, L. P.	A A Comment				9. API Well	No.
3a. Address 500 W. Illinois, Midland, Te	exas 79701	3b. Phone No (432)498-8	. (include area	code)	30-025-03 10. Field and	Pool, or Exploratory Area
4. Location of Well (Footage, Se 660' FSL & 660' FWL UL M, Sec. 3, T-17-S, R-36	c., T., R., M., or Survey Description G-E	1)		· · · · · · · · · · · · · · · · · · ·	Lovington, 11. County o Lea NM	Upper San Andres, West
12. CHECK AF	PROPRIATE BOX(ES) TO	INDICATE	NATURE C	OF NOTICE, RI	EPORT, OR	OTHER DATA
TYPE OF SUBMISSION	and the second		түре с	F ACTION		
Notice of Intent		Deepen Fracture Tr		Reclamation	٠	Water Shut-Off Well Integrity
Subsequent Report		<ul><li>□ New Const</li><li>□ Plug and A</li></ul>		Recomplete Temporarily Aba	٠. العقور	Other SI-TA Extension
Final Abandonment Notice	1 = *	Plug Back			850	1
testing has been completed. Findetermined that the site is read Pure Resources, L. P. re wellbore within an establis wellbore due to its "potent".  This Waterflood Unit (the recovery methods to enhat these enhanced recovery to further extensive economic imparts more "potential" visited.	alizes this well has had its shed, mature Waterflood I tial" as a pattern developm West Lovington Unit) is sance the present seconda methods as not being via pmic evaluation. In either value to the Unit versus as	Temporary Unit, and Punent well, eit till undergoir ry recovery ble for this toase, keepi a Plugged	Abandone re requests ther in curre operations, Juit, then the ng this well & Abandon	d status extent continued exent secondary on for either C which are in his Unit may be deed wellbore.	ded in the residence of the control	past. However, this is a the TA status of this tertiary operations.  In and/or other tertiary lic life. If this study shows le candidate subsequent
environment, Pure Resou	rces will immediately plug	the well.	· .			
14. I hereby certify that the foregoname (Printed/Typed) Alan W. Bohling	ing is true and correct		Title Regulator	y Agent		
Elan W. Boh	lma		Date 03/08/200	5		
	THIS SPACE.	OR FEDERA	LORSTAT	E OFFICE USE		
Renied STARICE SGD.	DAVID R. GLASS	7	emote	UM ENGIR	ieer i	MAR 2 8 2005
Conditions of approval, if any, ar certify that the applicant holds leg which would entitle the applicant Title 18 U.S.C. Section 1001, mal	al or equitable title to those rights to conduct operations thereon.	ce does not warr in the subject l	ant or Off	Denied! We	ell Has Be even (7) P	en SI/TA Since Before revious TA Approvals

14. I hereby certify that the foregoing is true and correct Name (Printed Typed)  Alan W. Bohling	Title Regulator	v Agent	
Elach Bolling	Date 03/08/200		
THIS SPACE FOR FEDERA	LORSTA	EORIGEUSE / F	
Denied TRIC SGD.) DAVID R. GLASS	ETHOU	elm engineer	MAR 2 8 2005
Conditions of approval, if any, are attached. Approval of this notice does not warn certify that the applicant holds legal or equitable title to those rights in the subject I which would entitle the applicant to conduct operations thereon.	ease		een SI/TA Since Before
Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willful fraudulent statements or representations as to any matter within its jurisdiction.		Have Already Been	Previous TA Approvals Granted!
(Instructions on reverse) GWW			

OCD-Habbs

Form 3160-5 (August 1999) SUNDR Do not use ti abandoned v	5. Lease Se NM 0204 6. If Indian	OMB Expire erial No.	A APPROVED No. 1004-0135 s November 30, 20					
1. Type of Well						ringtor		and/or No.
Oil Well Gas Well  2. Name of Operator						/ingto	No. n Unit No. 3	8 WIW
Pure Resources, L. P.  3a. Address 500 W. Illinois Midland, T	exas 79701	3b. Phone No. (include area code)			9. API Wel 30-025-0 10. Field an	3863	or Exploratory	Area
4. Location of Well (Footage, St 660' FSL & 660' FWL UL M, Sec. 3, T-17-S, R-3	ec., T., R., M., or Survey Description 6-E	:)			Lovington, Upper San Andres, West 11. County or Parish, State Lea NM		res, West	
12. CHECK A	PPROPRIATE BOX(ES) TO	INDICATE	NATURE O	F NOTICE, RI	EPORT, OI	R OTF	ER DATA	
TYPE OF SUBMISSION			TYPE O	F ACTION				
Notice of Intent  Subsequent Report  Final Abandonment Notice	☐ After Casing ☐ Casing Repair ☐ Change Plans	Deepen Fracture Tro New Constr Plug and Al Plug Back	eat  uction	Production (Start Reclamation Recomplete Temporarily Abas Water Disposal		□ w	Vater Shut-Off Vell Integrity Other SI-TA E	extension
If the proposal is to deepen di Attach the Bond under which following completion of the ir testing has been completed. Fi determined that the site is read This is to request an addi tertiary recovery. This Uni	ted Operation (clearly state all pertirectionally or recomplete horizontall the work will be performed or provivolved operations. If the operation in all Abandonment Notices shall be ity for final inspection.)  itional extension for tempor tis currently under evaluat grity Test (MIT) chart indicagnity Tes	y, give subsurfa de the Bond No. esults in a multi iled only after al rary abando ion for enha	ce locations me on file with BI ple completion I requirements, nment of th nced secon	asured and true ver M/BIA. Required or recompletion in including reclamate is well in order idary and tertion	rtical depths of subsequent re a new interva- tion, have been r to accom- ary develo	of all per eports si al, a Forn en comp nmoda opmen	rtinent markers at hall be filed with m 3160-4 shall be letted, and the operate possible	and zones. hin 30 days he filed once herator has
		TA	Approved Ending	Fer <u>12</u> 11/6/04	-123	Ŕ	DEC 2003  LULIVED  Hobbs  OCO	KOT 18 1920 21 22
14. I hereby certify that the foregon Name (Printed/Typed) Alan W. Bohling	oing is true and correct		Title Regulatory	Analyst		92 <sub>82</sub>	000 229292 <sup>1</sup> 00	<del>7</del>
Elan W. Boht	ing		Date 11/10/2003	3	-			
	A CITHIS SPACE IF	OR FEDERA	LORSIATE	OREIGE USE				
Approved by	ig egd) loeg, lai	PA	Title	Petrolenso E	nginee?	Date /	2/11/03	
Conditions of approval, if any, ar	e attached. Approval of this notice	does not warra	nt or Office	CFO_				

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.



## STATE OF NEW MEXICO ENERGY MO MINERALS DEPARTMENT

**. ** ****** *******				
DISTRIBUTE	DM.	$\overline{}$		
SANTA PE				
FILE				
U.9.0.a,	_			
LAHO OFFICE	LAND OFFICE			
TRANSPORTER	OIL			
	UAS			
OPERATOR				
PROBATION OFFICE				

#### OIL CONSERVATION DIVISION P. O. BOX 2088 SANTA FE, NEW MEXICO 87501

Form C-104 Rayland 10-01-78 Format 06-01-83 Page 1

# REQUEST FOR ALLOWABLE

PRORATION OFFICE	AHTHODIS	OT HOITAS	AA G2UAGT		AND NATIO	240 149	
·	AUTHORIZ	LATION TO	INAMO	OKT OIL	אוט וואו טוא	(AE 0/3	
Operator							
GREENHILL PETROLEUM COR	PORATIO	N					
Address							
16010 Barker's Point La	ne, Sui	te 325, 1	Houston				
Resson(s) for filing (Check proper box)					Other (Please	explain)	
Mem Asil		Transporter of		- 1			
Recompletion OII Dry Gas Effective 1/1/89							
Change in Ownership	Casino	head Gas	Co	ndensate			
if change of ownership give name Tex	aco Pro	ducing,	Inc.,	P. O. 1	Box 728,	Hobbs, NM 88240	
II. DESCRIPTION OF WELL AND LI		Pool Name, Inc	aludina Fa			Kind of Lease	Lease No.
Lease Name						5	-
West Lovington Unit	38	Lovingto	n San	Andres	West	Federal	<u>NM-020491</u>
Location							
Unit Letter M; 660	_ Feet From	The Sout	hLine	• and	560	Foot From The West	
Line of Section 3 Township	p 17S	R	ange	36E	, אשף	ı, Lea	County
IIL DESIGNATION OF TRANSPOR Name of Authorized Transporter of Oil   Injection Well Hame of Authorized Transporter of Casingh	or Co	ndensate 🗀		Address		to which approved copy of this form	
Un.	II Sec.	Twp.	TRge.	Is nos oc	tually connect	ted? . When	
If well produces oil or liquids, give location of tanks.							
If this production is commingled with th	at from any	other lease	or pool,	give comm	ningling orde	ir numberi	
NOTE: Complete Parts IV and V or	s reverse si	de if necesso	агу.				
VI. CERTIFICATE OF COMPLIANCE	R			ll .	OIL C	CONSERVATION DIVISION	
				li		IAN 1 1 1989	
I hereby certify that the rules and regulations of been complied with and that the information gi				APPR	OVED	JAN 11 1000	_, 19
my knowledge and belief.	7011 13 truc 211	d complete to t	ite best of	BY	•	ORIGINAL SIGNED BY JERRY S	EXTON
						DISTRICT I SUPERVISOR	(
				TITLE			
. 1 2				ll 70	de form is t	o be filed in compliance with a	ULE 1104.
he lite		Gene Lir	nton	[]		quest for allowable for a newly d	
(Signature) Production		ator				et be accompanied by a tabulation well in accordance with MULE	
(Title)	0 1000					f this form must be filled out cor completed wells,	apletely for allo
December 2	0, 1988		-	Pi well no	il out only me or numbe	Sections I, II, III, and VI for our, or transporter, or other such ch	hanges of owns ange of condition
Separate Forms C-104 must be filled for each pool in multip completed wells.							

(713) 870-0606

Form 3160-5 (November 1983) (Formerly 9-331)	DEPARTA			5. LEASE DESIGNATION NM - 0249	eau No. 1004-0135 gust 31, 1985 FION AND BERIAL NO.
(Do not use	SUNDRY NOT	CES AND REPORTS C	ON WELLS ack to a different reservoir. opposals.)	6. IF INDIAN, ALLC	TTEE OR TRIBE NAME
	AS OTHER	Injection		7. UNIT AGREEMEN	T NAME
2. NAME OF OPERA	TOB			8. FARM OR LEASE	
Texaco	Producing I	nc.		West Lo	vington Unit
•		New Mexico 8824	0	38	
4. LOCATION OF WI	LL (Report location c	early and in accordance with any		10. FIELD AND POO	WCDC
Unit Le	tter M, 660	' FSL & 660' FWL		Lovingto	on San Andres,
					17S, 36E
14. PERMIT NO.		15. ELEVATIONS (Show whether DF,	RT, GR, etc.)	12. COUNTY OR PA	NM NM
16.			. (N .: D .	Lea	N2 1
10.		opropriate Box To Indicate N			
	NOTICE OF INTEN	[-]		EQUENT BEFORE OF:	
TEST WATER S	1	MULTIPLE COMPLETE	WATER SHUT-OFF		NG WELL
SHOOT OR ACIE	i—-I	ABANDOS*	SHOOTING OR ACIDIZING	ABANDO	NMENT*
REPAIR WELL		CHANGE PLANS	i other)	orarily Aba	
(Other)				ults of multiple comple impletion Report and Lo	
17. DESCRIBE PROPE proposed wo next to this v	rk. If well is direction	RATIONS (Clearly state all pertinent smally drilled, give subsurface locat	t details, and give pertinent da ions and measured and true ver	tes, including estimated tical depths for all ma	date of starting any rkers and zones perti-
1) Ta	g PBTD at 4	561'.			
2) Ci	rculated ho	ole with inhibited	water. Test ca	asing to 500	#, held OK.
	atus change 19/88.	ed from shut-in to	temporarily aba	andoned effe	ctive
					,
				9.4 7.4	E :
	•				물 골
					m C
					, t1
					<u> </u>
				W1111	දු
18. I hereby certif	g that the foregoing i	) 3,7, 33	571 obbs Area Superi	ntendent.	6/3/88
(This space to	r Federal or State off	ce use)			
APPROVED B		TITLE		DATE	7-26-88
CONDITIONS	OF APPROVAL, IF	APPROVED FOR -	- MONTH PERIOD		
		ENDING 5/	on Reverse Side		

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any faise, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

## STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT

DISTRIBUTIO	) H		
84MTA / F		_	
FILE			
U.S.O.E.			
LAND OFFICE			
THANSPORTER	DIL		
OPERATOR			
PROBATION OFFICE			

#### OIL CONSERVATION DIVISION P. O. BOX 2088 SANTA FE, NEW MEXICO 87501

Form C-104 Revised 10 01-78 Format 06-01-83

## REQUEST FOR ALLOWABLE

PROBATION OFFICE	AND AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS				
Operatur	<del></del>				
TEXACO PRODUCING INC.		• •			
Address					
P. O. Box 728, Hobbs, Ne	w Mexico 88240				
Reason(s) for (rling (Check proper box)	<b></b>	Other (Please explain) Change of Operator from TEXACO INC. TO			
New Well Recompletion	Change in Transporter of:	TEXACO PRODUCING INC. effective 6/1/85.			
Change in Ownership	<del>                                      </del>	ondensore			
If change of ownership give name and address of previous owner					
IL DESCRIPTION OF WELL AND	LEASE   Well No.   Pool Name, Including F	ormation   Kind of Lease No.			
West Lovington Unit	30	EED NM 02401			
Location	Lovington San	Andres west			
M 660	Feet From The South Lin	se and 660 Feel From The West			
Unit Letter M : 660	Fact From The	e and			
Line of Section 3 Towns	hip 17-S Range	36-E , NMPM, Lea County			
III. DESIGNATION OF TRANSPO	or Condensate	Address (Give address to which approved copy of this form is to be sent)  Address (Give address to which approved copy of this form is to be sent)  Is gas actually connected?  When			
\		wive commingling order numbers			
If this production is commingled with NOTE: Complete Parts IV and V	*	give committees and unwests			
VI. CERTIFICATE OF COMPLIAN	CE ·	OIL CONSERVATION DIVISION			
I hereby certify that the rules and regulations been complied with and that the information my knowledge and belief.		APPROVED 6/1 19 85			
		TITLE DISTRICT I SUFERVISOR			
w.B. h	/				
·W. D. ~	~	This form is to be filed in compliance with AULE 1104.  If this is a request for allowable for a newly drilled or deepened			
(Signatu	•)	well, this form must be accompanied by a tabulation of the deviation			
histolict Operations Mana		tests taken on the well in accordance with MULE 141.  All sections of this form must be filled out completely for allow-			
(Tide) (1/85	•	able on new and recompleted wells.			
(Date)		Fill out only Sections I, II, III, and VI for changes of owner, well name or number, or transporter, or other such change of conditions.			
•		Separate Forms C-104 must be filed for each pool in multiply			

# UNITED STATES

UNITED STATES DEPARTMENT OF THE INTERIOR	5. LEASE ■-020491
GEOLOGICAL SURVEY	6. IF INDIAN, ALLOTTEE OR TRIBE NAME
SUNDRY NOTICES AND REPORTS ON WELLS  Do not use this form for proposals to drill or to deepen or plug back to a different eservoir. Use Form 9-331-C for such proposals )  1. oil	7. UNIT AGREEMENT NAME West Lovington Unit 8. FARM OR LEASE NAME West Lovington Unit
1. oil gas well other Water Injection  2. NAME OF OPERATOR	9. WELL NO. 38
TEXACO INC.	10. FIELD OR WILDCAT NAME Lovington San Andres West
3. ADDRESS OF OPERATOR P. O. Box 728, Hobbs, New Mexico 88240 4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.) 660' FSL & 660' FWL AT SURFACE: (Unit Letter 'M') AT TOP PROD. INTERVAL: AT TOTAL DEPTH:	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 3, T-17-S, R-36-E  12. COUNTY OR PARISH Lea New Mexico  14. API NO.
<ol> <li>CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA</li> </ol>	15. ELEVATIONS (SHOW DF, KDB, AND WD)
REQUEST FOR APPROVAL TO: SUBSEQUENT REPORT OF: TEST WATER SHUT-OFF	(NOTE: Report results of multiple completion or zone change on Form 9-330.)
<ol> <li>DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly stat including estimated date of starting any proposed work. If well is d measured and true vertical depths for all markers and zones pertined</li> </ol>	lirectionally drilled, give subsurface locations and
1. Rigged up. Install BOP. Pall pkr and two 2. Set CIBP @ 4641' and spot 40' cement on pl 3. Tested for casing leaks (Witnessed by MM4. Hang one joint 2 7/8" tubing in hole and 15. Well shut-in, 7-19-84.	lug (PBTD 4601'). OCD representative). None found.
Subsurface Safety Valve: Manu. and Type	Set @ Ft.
7/2/July	st. Mare 7-26-84
APPROVED BY	

Carlelad, MEN MEXICS Instructions on Reverse Side

#### Form 9-331 m Approved. Dec. 1973 UNITED STATES S. PEASE, UM DEPARTMENT OF THE INTERIOR £C-020491 6. IF INDIAN, ALLOTTEE OR TRIBE NAME **GEOLOGICAL SURVEY** 7. UNIT AGREEMENT NAME SUNDRY NOTICES AND REPORTS ON WELLS (Do not use this form for proposals to drill or to deepen or plug back to a different reservoir, Use Form 9-331-C for such proposals.) West Lovington Unit 8. FARM OR LEASE NAME West Lovington Unit 1. oil well other Water Injection 9. WELL NO. 2. NAME OF OPERATOR 38 TEXACO, Inc. 10. FIELD OR WILDCAT NAME 3. ADDRESS OF OPERATOR Lovington San Andres West P. O. Box 728, Hobbs, New Mexico 88240 11. SEC., T., R., M., OR BLK. AND SURVEY OR 4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 Sec. 3, T-17-S, R-36-E 660' FSL & 660' FWL below.) 12. COUNTY OR PARISH 13. STATE AT SURFACE: (Unit Letter 'M') AT TOP PROD. INTERVAL: 2.1 Lea New Mexico AT TOTAL DEPTH: 14. API NO. 16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA 15. ELEVATIONS (SHOW DF, KD3, AND WD) 3878' (DF) REQUEST FOR APPROVAL TO: SUBSEQUENT REPORT OF: TEST WATER SHUT-OFF FRACTURE TREAT E 7. SHOOT OR ACIDIZE REPAIR WELL (NOTE: Report results of multiple completion or zone PULL OR ALTER CASING change on Form 9-330.) ... MULTIPLE COMPLETE CHANGE ZONES ABANDON\* Repair Casing Leak (other) To: 17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface ocations and measured and true vertical depths for all markers and zones pertinent to this work.)\* 1. Rig up. Install BOP. Pull tubing & pkr. 2. Set CIBP @ 4650'. 3. Go in hole with packer and workstring, isolate casing leak utilizing packer (POH). 4. Set retainer above casing leak and test. 5. Circulate class 'H' cement with CaCl2 (1.18 cu.ft./sx, 15.6 ppg, est 550 sx). 6. Squeeze with 125 sx class 'H' cement with 0.5% Halad 9, follow with 75 sx class 'H' with 2% CaCl2 (1.18 cu.ft./sk, 15.6 ppg). Pull out of retainer, reverse out excess cement. WOC. 7. Drill out cement retainer and cement test casing. 8. Drill out CIBP, clean out. 9. Ran 2 3/8" plastic coated tubing W/pkr. and set @ 4650'. Load Annulus

(This space for Federal or State office use)

TITLE Asst. Dist. Mgr. DATE \_

Set @ :

W/inhibited water. Return to Injection.

Subsurface Safety Valve: Manu. and Type \_\_\_

SIGNED

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

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

DEPARTME. DE LIE INTERIOR Perse uldet	5. LEASE DESIGNATION AND SERIAL NO.
GEOLOGICAL SURVEY	LC-020491
mists of Fict. 6: C. C.	6. IF INDIAN, ALLOTTEE OR THISE NAME
SUNDRY NOTICES AND REPORTS ON WELLS to not use this form for proposals to drill or to deep a applied back to a different reservoir.  Use "APPLITATION FOR PERMIT TO THE PROPOSALS.)	None
1.	7. UNIT AGREEMENT NAME
OIL GAS WELL OTHER	West Lovinaton Unit
2. NATE OF OPERATOR	8. FARM OR LEASE NAME
EXACO Inc.	West Lovington Unit
P.O. Box 728, Hobbs, New Mexico 88240  4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.  See also space 17 below.)	38
Well is located 660! from the South Line and 160! from the	West Lovington
Mest Line (Unit Litter M) of Section 7, T-17-1, P-32-E,	11. SEC., T., B., M., OR BLK. AND SUBJETY OR AREA SOC. 3, I-17-S, R-36-E
Ler Courty, Tam Months.	ini (etter M)
The Control of the Co	it cor ser or parish 13. State
Repular 3875' (D.F.:	Lea N.M.
16. Check Appropriate Box To Indicate Nature of Notice, Report, o	
	EQUENT BEFORT OF:
TEST WATER SHUT-OFF PULL OR ALTER CASING WATER SHUT-OFF	REPAIRING WELL
FRACTURE TREAT MULTIPLE COMPLETE FRACTURE TREATMENT	ALTERING CASING
SHOOT OR ACIDIZE ABANDON'S SHOOTING OR ACIDIZING	ABANDON MENT*
REPAIR WELL CHANGE PLANS (Other) CONVERT	<del>_</del>
(NOTE: Report rest	ilts of multiple completion on Well mpletion Report and Log form.)
17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent da proposed work. If well is directionally drilled, give subsurface locations and measured and true vernent to this work.)*	ten including estimated data of starting any
The following work has been completed on subject well:	
<ol> <li>Pulled production rods, pump and tubing.</li> </ol>	
2. Ran 150 jts. 2-3/8" O.D. internally plastic coated tubing	g w/packer and set @ 46401.
3. Spotted 50 bbls. inhibited water in casing annulus.	
4 Commented to victor injection May 25 1060	•
4. Converted to water injection May 25, 1969.	
	* 1
	. 1
18. I hereby certify that the soregoing As true and correct	
SIGNED Asst. District Supt.	DATE May 27, 1969
(This space for Federal or State space use)	ROVED
APPROVED BYTITLE	DATE
CONDITIONS OF APPROVAL, IF ANY:	26 1-69

\*See Instructions on Reverse Side J L GORDON.
ARTING DISTRICT HE HEER

Form 9-331 (May 1963)	U DEPARTM GI	Form approved. Budget Bureau No. 42-R1424. G. LEARE DESIGNATION AND REGIAL NO.  LC-020491						
	SUNDRY NOTION OF THE COMMENT OF THE SERVICE OF THE	None						
OIL WELL X		7. UNIT AGREEMENT NAME  West Lovington Unit  8. FARN OR LEARN NAME						
3. ADDRESS C		West Lovington Unit						
4. LOCATION	P.O. Box 728, Hobb or well (Report location ele- pace 17 below.)	10. FIELD AND FOOL, OR WILLIAM West Lovington						
West I Lea Co	is located 660' fr Line (Unit Letter Dunty, New Mexico	11. SEC. T. R. M., OR BLK. AND HUNVET OR ARRA Sec. 3, T=17-S, R=36-E						
Regula		, RT, GR, etc.)	12. COUNTY OR PARISH 13. STATE					
16.		,		Lea N.M.				
Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data								
PRACTURE RHOOT OF REPAIR W (Other)  17, Observing Propose	R ACIDIZE  R ACIDIZE  CONVERT TO IN JOSEPH CONTRACTOR OF C	ALTERING CASING ABANDONMENT*  s of multiple completion on Well pletion Report and Log form.) , including estimated date of starting any al depths for all markers and sones perti-						
TEX	ACO Inc. proposes	to do the followin	g work on subject we	11:				
1.	Pull production	rods and tubing.						
2.	Run approx. 4650 set packer @ app	tubing and						
3.	Spot 100 Bbls. f							
14.	Water Injection	to begin on or abou	t November 15, 1968.					
			sistant District					
18. I hereby	certify that the foregoing is	DATE September 6, 196						
(This pa	ce for Federal or State office	use)						
APPROVI		TITLE		DATE				
CONDITI	ONS OF APPROVAL, IF A	, , , , , , , , , , , , , , , , , , ,	<b>ې م</b> ې	JROVED /				

\*See Instructions on Reverse Side

NO. OF COPIES MICHINES	-,				
DISTRIBUTION			CONSERVATION COMMISS .	Form C-104	
SANTA FE	NEW MEXICO OIL CO			Supersedes Old C-104 and C-110	
FILE				Effective 1-1-65	
U.S.G.S.	AUTHORIZ	ZATION TO TR	AND ANSPORT OIL AND NATURA	L GAS	
LAND OFFICE	Actionic		THE OIL THE HATCH	2 0.10	
I HANSPORTER					
GAS					
OPERATOR					
I. PRORATION OFFICE					
Copertur					
Texac					
Attress Drawe					
Reason(s) for filing (Check proper be	, N. M. 88240		Other (Please explain)		
tiew Wett	Change in Tra	inscorter of:		l number from 1403 to 38	
Incremy series.	Cil	Ory C	i		
Chair re in Comorchip	Casinghead G	<u> </u>	ensate		
If change of ownership give name and address of previous owner			10/8/2		
II. DESCRIPTION OF WELL AND	D LEASE	.,			
Leaner Han e			ame, Including Formation	Kind of Lease	
West Lovington Unit	<u> </u>	*38 We	st Lovington	State, l'ederal or Fee	
Control M ; E	60 Feet From T	he South	ine and 660 Feet Fr	om The West	
	25.0	_	00 P	•	
Lane of Section 3 , 7	Township 17-S	Range	36-E , NMPM,	Lea County	
Texas New Mexico Pi	pe Line Compa	or Dry Gas	P. O. Box 1510 - Midland, Texas Address (Give address to which approved copy of this form is to be sent) P. O. Box 1135 - Eunice, New Mexico		
If well provides oil or liquids, give location of tanks.	Unit Sec.	Twp. Rge.	1	when Unknown	
If this production is commingled	with that from any o	ther lease or pool	, give commingling order number:	1	
V. COMPLETION DATA	Tarre			21. 2-4 (5- 2.4 )2/4 2-4	
Designate Type of Complete	tion = (X)	Veli Gas Well	New Well Workover Deeper	Plug Back   Same Res'v. Diff. Res'v.	
		<u> </u>	12112	P.B.T.D.	
Date Spudded	Date Compl. Read	y to Prod.	Total Depth	P.B.1.0.	
isal	Name of Producing	g Formation	Top Cil/Gas Pay	Tubing Depth	
Perforations				Depth Casing Shoe	
	TUB	ING. CASING. AT	ND CEMENTING RECORD		
HOLE SIZE		TUBING SIZE	DEPTH SET	SACKS CEMENT	
V. TEST DATA AND REQUEST	FOR ALLOWABL			loil and must be equal to or exceed top allow	
OIL WELL	1-1-1-1	able for this	depth or be for full 24 hours)	Tec.	
Date First New Cil Run To Tanks	Date of Test		Producing Method (Flow, pump, ge	is tift, etc.)	
Length of Test	Tubing Pressure		Casing Pressure	Choke Size	
Actual Fred, During Test	Oil-Bbls.		Water-Bbls.	Gas-MCF	
GAS WELL					
. Artual Frod. Test-MCF/D	Length of Test		Bols. Condensate/MMCF	Gravity of Condensate	

Casing Pressure

BY\_

I hereby certify that the rules and regulations of the Oil Conservation Commission have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

resting Method (pitot, back pr.)

VI. CERTIFICATE OF COMPLIANCE

Choke Size

Tubing Pressure

J. G. BLEVINS, JR./ ASST. DIST. SUPT.	(Signature)	
JUN 1 5 1965	(Title)	
	(Date)	

TITLE

This form is to be filed in compliance with RULE 11104.

If this is a request for allowable for a newly drilled or deepened well, this form must be accompanied by a tabulation of the deviation tests taken on the well in accordance with RULE 111.

All sections of this form must be filled out completely for allowable on new and recompleted wells.

Fill out Sections I, II, III, and VI only for changes of owner, well name or number, or transporter, or other such change of condition.

Separate Forms C-104 must be filed for each pool in multiply completed wells.

O-STHIRU-ION	MEXICO OIL CONSERVATION COMMI N FORM C-110							
FILE (		1	SANTA FE, NEW MEXICO (Rev. 7-60)					
1400 OFFICE		CERTIFICATE OF COMPLIANCE AND AUTHORIZATION						
TRANSPORTER CAS					NATURAL GAS			
PROBATION OFFICE		ļ						
Company or Operator		.   FILE THE OR	IGINAL AND 4 C	OPIES WITH IF	Lease	Weil No.		
TEXACO Inc.				. ,	*West Lovington			
Unit Letter	Section	Township	Range		County			
M	3	17-S	3	6-E	Lea			
Pool Wast Taring	ton				Kind of Lease (State, Fed, F	iee)		
West Loving If well produce	ces oil or cond	lensate	Unit Letter	Section	Township	Range		
	cation of tank		J	5	17-S	<u> </u>		
Authorized transporter of	oil 📉 or c	ondensate		Address (give a	ddress to which approved copy	of this form is to be sent)		
Texas New M	lexico I	Pipe Line C	ompany	P. O.	Box 1510 - Mid	land, Texas		
		Is Gas Ac	tually Connecte	d? Yes_X	_No			
Authorized transporter of	casing head	gas X of dry gas [	Date Con- nected	Address (give a	ddress to which approved copy	of this form is to be sent)		
Skelly Oil	Company	7	Unknown	P. 0.	Box 38 - Hobbs	, New Mexico		
If gas is not being sold,	give reasons	and also explain its p	resent disposition:					
			N(S) FOR FILING					
		ansporter (check one)		Change in Own Other (explain	helowl			
		Dry G		omer (expinin	oetow)			
		ead gas . Conde						
Remarks						_		
					m Cities Servic nd new battery			
effective			on onic no.	. 1405, a	nd new battery	location,		
		, 1, 1,000						
The undersigned certi	fies that the	Rules and Regulat	ions of the Oil Co	nservation Com	mission have been complie	d with.		
	Executed	this the 11th	day of Jar	nuary				
oiť.	CON SERVA	TION COMMISSION		Ву	/			
Approved by				1	4500			
1 / 1	,-	and the same		Title	./			
( 60		<u></u>			strict Accounta	nt		
Title	_			Company	•			
				TE	XACO Inc.			
Date 2				Address				
				D 0	D 500	N		
l				I P. O.	<u> Box 728 - Hobbs</u>	. New		

get Bureau N(, 42-R355.4, approval expires 12-31-80.

Form 9-850

U. S. LAND OFFICE LAS Cruces
SERIAL NUMBER NM-020491
LEASE OR PERMIT TO PROSPECT

UNITED STATES (17 A) 10 11 DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

## LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY
Company TEXACO Inc.: Address P. O. Box 352, Midland, Texas
Lessor or Tract Cities Service Federal Field West Lovington State New Mexico
Well No. 1 Sec. 3 T.17-SR36-EMeridian NMPM County Lea
Location 660 ft. N. of S Line and 660ft. E. of W Line of Section 3 Elevation 3878
The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.  Signed
Date September 27, 1960 Title Assistant District
The summary on this page is for the condition of the well at above date. Superintendent
Commenced drilling September 5, , 1960 Finished drilling September 21 , 1960
OIL OR GAS SANDS OR ZONES
(Denote gas by G)
No. 1, from 4704 to 4713 No. 4, from 4766 to 47741
No. 2, from 4716 to 4720 No. 5, from to
No. 3, from 47421 to 4750! No. 6, from to
No. 1, from to to to to to
No. 2, from to No. 4, from to
CASING RECORD
Size Weight Threads per Make Amount Kind of shoe Cut and pulled from From To-
casing per foot inten From To—  5/8" 24:00 8R H-40 1900 Baker None None Vane Surface
Manager of the state of the sta
It is of the grouper importance or here, do not to have the following to the first tendence or evidence to the
HIGH DO AND AND AND AND AND AND AND AND AND AND
MUDDING AND CEMENTING RECORD
Size casing Where set Number sacks of cement Method used Mud gravity Amount of mud used
5/8" 1910! 600 Howco
1/2" 50721 200 Howco
DI LICS AND ADAPTEDS
PLUGS AND ADAPTERS  Heaving plug + Material Length Depth set
Adapters—Material Size
SHOOTING RECORD

		TOOI	s used	
Rotary tools w	ere used from		5072 feet, and from feet to	feet
Cable tools wer	e used from	feet to	feet, and from feet to _	feet
:			ATES	
Septembe	r-27,	<sup>19</sup> 60	Put to producing September 26	, <sup>19</sup> -€ <del>0</del>
The produ	ction for the first	24 hours was	barrels of fluid of which% was o	il;%
emulsion;	% water; and	.% sediment.	Gravity, °Bé.  32.6  Gallons gasoline per 1,000 cu. ft. of gas	
			Gallons gasoline per 1,000 cu. ft. of gas	
Rock pres	sure, lbs. per sq. ir	1	LOVEES	
r	Fraley		LOYEESL. Funk	Driller
	:	, Driller	L. D. Funk	Driller
Roy Sa	lmon		ON RECORD	, , ,
FROM-	то	TOTAL FEET	FORMATION	
0 353 1220 1502 1910 1995 3135 3527 4455 4680 Total Dept	5070	353 867 282 408 85 1140 392 928 225 392	Caliche Red Bed Red Bed & Anhy Anhy & Gyp Anhy Anhy & Salt Anhy & Sign Lime Lime & Shale	
	ve ground le			08!
4 - USGS 1 - Mrs. R 1 - Divisi 1 - Field 1 - File	1 1	; :: :::	B. Salt 27 Yates 30 Queen 39	041 651 481 381 50

buell used | Co. co-fre (1800) | Versachity (2402 ) (1) this is SHOOTING RELOSE Heaving plug + Material n in grand g MITTER SHE WAS THE ... اران چىللانى دىنىچىلىنى When at her realistic her mendined is not a and the lead HISTORY OF OIL OR GAS WELL It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "aidetracked" or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or balling. Spudded 9 7/8" hole 7:30 P.M. September 5, 1960. Ran 1900 of 7 5/8" O.D. casing and cemented at 1910 with 500 cas. 4% Gel. Plus 100 sx. regular. Plug at 18761. Gement circulated. Tested before and after drilling plug with 1000 PSI for 30 minutes. Tested o.k. Job complete 6:20 A.M. September 9, 1960. Core No. 1, 4680' to 4720' rear Dolomite with scattered oil & gas bleeding Core No. 1, 4680' to 4720', required bounte with scattered oil & gas bleed:
thruout, 100% recovery, 9-15-60.
Core No. 2, 4720' to 4761', lime & shale with scattered oil & gas shows,
Look recovery, 9-16-60.
Core No. 3, 4761' to 4812', lime & shale with scattered oil & gas shows,
100% recovery, 9-17-60.
Core No. 4, 4812' to 4864', lime & shale with scattered oil & gas shows,
98% recovery, 9-19-60.
Core No. 5, 4810' to 4916', lime & shale with scattered oil & gas shows,
98% recovery, 9-19-60.
Core No. 7, 4968' to 4968', lime & shale with scattered oil & gas shows,
Core No. 7, 4968' to 5020', lime & shale with scattered oil & gas shows,
100% recovery, 9-20-60.
Core No. 7, 4968' to 5020', lime & shale with scattered oil & gas shows,
Core No. 7, 4968' to 5020', lime & shale with scattered oil & gas shows,
Core No. 7, 4968' to 5020', lime & shale with scattered oil & gas shows,
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Core No. 7, 4968' to 5020', lime & shale with scattered oil & gas shows,
Core No. 7, 4968' to 5020', lime & shale with scattered oil & gas shows,
Core No. 7, 4968' to 5020', lime & shale with scattered oil & gas s Tested before Templete 2:30 A.M. September 23, 1960. Perforate 4 1/2" 0.D. casing with 2 jet shots per ft. 4704' to 4713', 4716' to 4720', 4742' to 4750', 4766' to 4774'. Swab well natural.

Perforate 4 1/2" O.D. casing with 2 jet shots per ft. 4704' to 4713', 47. to 4720', 4742' to 4750', 4766' to 4774'. Swab well natural.

Acidize with 1000 Gals. LST acid 1st stage. 2nd stage with 5000 gals. in two stages with 500 lbs. flaked nanthalene between stages.
On 24 hr. swab test well produced to BU and no water engine 4:00 F.M. September 25, 1960. Gravity 32.6, GOR 35.6,

Top of Pay 4704; Btm. of Pay 4774, NMOCC Date September 21, 1960, TEXACO Inc. Date September 26, 1960

GEO MULTURAL TERRITORIA

DEPARTMENT OF THE STURIOR

DVUEU BIVIES

FORG 5-230

A Transport of the Contract of

	- то-	тот	AL FEET		FO	MATION	. No. 10 1 1
		<u> </u>					
	) i (	Depth	Devia	ion Reco	<u>rd</u> Degree	s Off	
11:	h B	· [					. ,
* 17.3%		354 <b>*</b> 685 <b>*</b>			1/2 1/2		. •
	· to the transfer of	988•		1	1/4		
5 30, BBC	e indi Mari	1280' 1584' 1896'			3/4 3/4 3/4		
	Page.	2198			1/4 1/4		
inter petar	11/1/2	2635 <b>'</b> 3009 <b>'</b>			1 1/4		,
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E WA		3500 <b>'</b> 3539 <b>'</b>	·		1 1/4 1 1/4		
		3939 <b>'</b> 4157'		1 1.	1/2		
		450 <b>1</b> ' 4559'			1 1 1/2		
		4750			1 1/2		
1. C.	.,	5072	:		1 1/2		
Aug	TO .		ere skli.			AMATHON	
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का बाहा का	g nor thus	) •••• [Lo e.4].	199.		f Vijed s	v	
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			.200	LS USED		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	

# NUMBER OF COP .S RECEIVED C.STRIBUTION BANTS FT FILE U.S.C.S. LANG OFFICE TARANDORYER GAS PREMATION OFFICE OPFSATOR

#### NEW MEXICOLOGIC CONSERVATION COMMISSION Santa Fe, New Mexi

(Form C-19) Pavised 7/1/97

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

New Well Recomplete

This form total be submitted by the operator before an initial allowable will be assigned to any completed Qile or Gas well. Form C-104 is to be submitted in QUADRUPLICATE to the same District Office to which Form C-101 was sent. The allowable will be assigned effective 7:00 A.M. on date of completion or recompletion, provided this form is filed during calendar month of completion or recompletion. The completion date shall be that date in the case of an oil well when new oil is delivered into the stock tanks. Gas must be reported on 15.025 psia at 60° Fahrenheit.

TEXACO Inc.

cred int	o the sto	ck tank	s. Ga: mus	t be reported on 15.025 psia at 60° Fahrenheit. TEXACO Inc.  P. O. Box 352, Midland, Texas,
				(Place) September 27,1960
WE AR	e Heri	EBY RI	EQUESTI:	NG AN ALLOWABLE FOR A WELL KNOWN AS:
	TEX (Compan	ACO ]	Inc. C	ities Service Federal Well Nol
M	Latter	, Sec.	3	T17-S, R36-E., NMPM.,West.Lovington
	Lea			County. Date SpuddedSept5, 1960 be Drilling Completed Sept21,1960
ī	Please inc	dicate le	ocation:	Elevation 3878 Total Depth 5072! PBTD 5070!
D	С	В	A	Top 011/2000Pay 47041 Name of Prod. Form. San Andres
		້	*	PRODUCING INTERVAL - 4704 to 4713, 4716 to 4720, 4742 to
<u></u>			<del> </del>	Perforations 4750. & 4766 to 4774
E	F	G.	H	Open Hole None Depth Casing Shoe 5072 Tubing 4700
<u></u>	ļ. <u></u> -		<del>  </del>	OIL WELL TEST -
L	K	J	Ĭ.	Choke Natural Prod. Test:bbls.oil,bbls water inhrs,min. Size
				Test After Acid or Fracture Treatment (after recovery of volume of oil equal to volume of
M	N	0	P	load oil used): 40 bbls,oil, 0 bbls water in 22 hrs, 0 min. Size Swab
X		<u> </u>	لــــــــــــــــــــــــــــــــــــــ	GAS WELL TEST -
				Natural Prod. Test: MCF/Day; Hours flowed Choke Size
Tubing	,Casing	and Geme	nting Recor	d Method of Testing (pitot, back pressure, etc.):
Siz	e	Feet	Sax	Test After Acid or Fracture Treatment: MCF/Day; Hours flowed
7.5	/8" 1	900	600	Choke Size Method of Testing:
				Acid or Fracture Treatment (Give amounts of materials used, such as acid, water, oil, and
41	<u>/2" 5</u>	061	200	sand): See Remarks
2 3	<b>/8</b> 4	<b>590</b>		Casing Tubing Date first new Press. — Press. Swab oil run to tanks September 26, 1960
				Oil Transporter Texas-New Mexico Pipe Line
				Gas Transporter None
Remark	:Per	fora!	te 4 1/	2" O.D. casing with 2 jet shots per ft. 4704' to 4713',
4716	1 to	4720	4742	to 4750, 4766' to 4774'. Swab natural. Acidize with
1000	gala.	LST	acid.	lst stage, 2nd stage with 5000 gals in two stages with 500
				between stages.  rmation given above is true and complete to the best of my knowledge.
Approve	ed		SEP &	7 19ntl , 19 TEXACO Inc. (Company of Operator)
	OIL C	ONSEI	RVATION	COMMISSION By: By:
_	B	2	16	(Sig-aptyre)
-Ву:		/	My	Title Sistant District Superintendent Send Communications regarding well to:
Title			<i>[]</i>	N. 1 C Blevins Jr.
•		ć.	inc	Nameu.au.au.au.au.au.au.au.au.au.au.au.au.au.au.au.au.au

## NEW MEX O OIL CONSERVATION COMMISSION Form C-110 SANTA FE, NEW MEXICO Revised 7/1/55

(File the original and 4 copies with the appropriate district office)

## CERTIFICATIE OF COMPLIANCE AND AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

Company or Operator TEXACO Inc.	Lease Cities Service Federal
Well No. 1 Unit Letter M S 3 T 17.	
County Lea Kind of Lease (St	
If well produces oil or condensate, give location	
Authorized Transporter of Oil or Condensate	Texas-New Mexico Pipe Line
Address P. O. Box 1510, Midland, Texas (Give address to which approved co	py of this form is to be sent)
Authorized Transporter of Gas Flared due Address	e to lack of market
(Give address to which approved co	• •
If Gas is not being sold, give reasons and also e	explain its present disposition:
* Flared due to lack of market	
Reasons for Filing:(Please check proper box)	New Well New Well (X)
Change in Transporter of (Check One): Oil ( )	Dry Gas ( ) C'head ( ) Condensate ( )
Change in Ownership () ( Remarks:	Other()(Give explanation below)
The undersigned certifies that the Rules and Re	gulations of the Oil Conservation Com-
mission have been complied with.	galaxies of the Ox Ovider various com-
Executed this the 27th day of September 19	60 (11/1)
UPD 9 7 4000	By Ming
Approved1919	Title Assistant District Superintendent
OIL CONSERVATION COMMISSION	Company TEXACO Inc.
By COM Conflict	Address P. O. Box 352,
Title District	Midland, Texas

Form 9-381 a. (Feb. 1951)							
	v						

#### (SUBMIT IN TRIPLICATE)

Land Office 185 Graces Land No. 14. - 0201,91

#### UNITED STATES

## DEPARTMENT OF THE INTERIOR

GEOLOG	GICAL SURVEY A A A 4 4 5
SUNDRY NOTICES AI	ND REPORTS ON WELLS
NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF
NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	SUBSEQUENT REPORT OF ALTERING CASING.
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR.
IOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT
OTICE OF INTENTION TO PULL OR ALITER CASING	SUPPLEMENTARY WELL HISTORY
NOTICE OF INTENTION TO ABANDON WELL	
20 20K180	TE ACO Inc. F. U. Box 352 Miclard, Texas September 3, 19.60
(4 Sec. and Sec. No.) (Twp.) (F	S   line and 660 ft. from   W   line of sec. 3   S   line and 660 ft. from   W   line and 660 ft. from
ne elevation of the derrick floor above sea leve	
	S OF WORK
	, weights, and lengths of proposed casings; indicate mudding jobe, cement- ter important proposed work)
7 5/0" G c	- 5072 set ut 1/10
n 5061' of 4 1/2" is casing, 9.50 19 O ax 4% gel. rlug at 5037'. Job com	o, 0-55, ch, c c cemerica at 5072 with whete 1:23 :
ested 4 1/2 m CD casing with 1500 x 51 dnight, September 22, 1960. Tested ested for 30 minutes with 1500 PSI frested 0.4. Job complete 2:30 A.M. Se	0.4. srilled cement plus and re- ron 2:00 to 2:30 A.A. September 23. 1960.
I understand that this plan of work must receive approval in w	riting by the Geological Survey before operations may be commenced.
ldress P.O. dox 352	
	11/2/
Midland, Texas	By Beneral
J. G. blevins, Jr.	Title Assistant District Superintence
	CPO 8 52 0 40

Form	9-881	8
/Pah	1081	



#### (SUBMIT IN TRIPLICATE)

#### Land Office Las Cruces Lesse No. 194-020491 UNITED STATES - 2 008 DEPARTMENT OF THE INTERIOR Unit .....

x	GEOLOGIC	AL SURVEY.	
SUNDRY	NOTICES AND	REPORTS ON WELL	LS
NOTICE OF INTENTION TO DRILL		SUBSEQUENT REPORT OF WATER SHUT-OFF	X
NOTICE OF INTENTION TO CHANGE	PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZ	1 1
NOTICE OF INTENTION TO TEST WA	TER SHUT-OFF	SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO RE-DRILL	L OR REPAIR WELL	SUBSEQUENT REPORT OF RE-DRILLING OR REP.	AIR
NOTICE OF INTENTION TO SHOOT	OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OF	ALITER CASING	SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDO	N WELL		
/INDV	CATE ABOVE BY CHECK MARK NATIO	RE OF REPORT, NOTICE, OR OTHER DATA)	
(MDIC		ACO Inc., P.O. Box 352	
Lease No. 205189		Lland, Texas Septe	mber 9 1060
Cities Service Federa			, 175
		line and $\begin{array}{c} 660 \\ \text{ ft. from} \\ \text{W} \end{array}$ line	e of sec3
SW-1/4, Section 3 (4 Sec. and Sec. No.)	T-17-8 R-36 (Twp.) (Rang	NMFM  (Meridian)	
West Lovington		New Mexic	0
(Field)	(County or Subc	livision) (State or Terri	tory)
The elevation of the derric	k floor above sea level is	s .3878 ft.	
	DETAILS	OF WORK	
		ights, and lengths of proposed casings; indicate mportant proposed work) LO <sup>g</sup>	mudding jobs, coment-
Spudd	led 9-7/8" hole 7:30	10' PM September 5, 1960	
Ran 1900 of 7-5/8 500 sx 4% Gel plus 10 3:20 AM September 8,	00 sx Reg. Plug at 1	00 lb H-40 8R, and cemented 1876'. Cement circulated.	at 1910' with Job complete
September 9, 1960. Te	ested OK. Drilled of 6:00 AM to 6:30 AM s	SI for 30 minutes from 3:30 cement plug and re-tested was september 9, 1960. Tested	rith 1000 PBI
I understand that this plan of we	ak must receive approval in writis	ng by the Geological Eurvey before operations r	nay be commenced.
Company TEXACO Inc	2,		
Address P.O. Box	352	1 day 2	7)
J. G. Ble	ins, Jr.	Ву	<b>2</b> A.
Midland,	lexas	TitleAssistant Distric	Superintendent
			GPU 802040

For	Form 9-381 a (Feb. 1951)							
	^							

### (SUBMIT IN TRIPLICATE)

#### UNITED STATES DEPARTMENT OF THE INTERIOR

(SUBMIT IN TRIPLICATE)	Land Office
UNITED STATES	Laur No 101 - 0201191 - 2-2-2
RTMENT OF THE INTERIOR	Unit
GEOLOGICAL SURVEY	HIT RECEIVED

SFP 1 1960

SUN	DRY NOT	TICES AN	D REPORTS	ON WELI	S CLUBBICAL SUR HOBBS, NEW MEXICO	VE <b>Y</b>
NOTICE OF INTENTION TO	DRILL	+	SUBSEQUENT REPORT OF			•
NOTICE OF INTENTION TO		•	SUBSEQUENT REPORT OF		1 1	
NOTICE OF INTENTION TO			SUBSEQUENT REPORT OF		1 1	
NOTICE OF INTENTION TO					1 1	
NOTICE OF INTENTION TO		1	SUBSEQUENT REPORT OF		1 1	
NOTICE OF INTENTION TO			SUPPLEMENTARY WELL HIS		1 (	
NOTICE OF INTENTION TO		I	SUPPLEMENTARY WELL, HI	51UK1		
NOTICE OF INTENTION TO	) ABANDON WELL					
Lease No. 20518 Cities Service	9		URE OF REPORT, NOTICE, OR	•	, 19áû.	
Well No. 1	is located 66	Q ft. from	N S line and <b>660</b>	ft, from E. line	e of sec.	
W 1107	10 1004104	[	S	(w)		
SW 4 Sec.	3 T-1	7-8 R-	6-2 NOTES			
0		(=,	• ,	•		
West-Lovingto	AL	(County or Su	bdivision)	(State or Territ	ory)	
The elevation of th	a dominia form	shave sa lavel	in 1000 4			
ine elevation of th	e derrick noor	above sea level	ıs <u>\$289</u> rt.			
		DETAILS	OF WORK			
(State names of and expect	ed depths to objectiv	re sands; show sizes, v	veights, and lengths of prop- r important proposed work)	osed casings; indicate	mudding jobs, coment-	
OBJECTIVE FOR			TE CASING		PROGRAM (app	SPOX
000 00 17 40 1,01	11041			Set at	Cement	
tion become direct the tra	18671	7 6 8"	2del New	10101	500 ax	
Anhydrite	18971	1 3 A	247 New 9.44 New	5,0 <b>7</b> 6 (	200	
Yates Queen San Andres Total Dept	3107' 3985' 4 <b>68</b> 5' h5075'	0 3.4	˥24 4 <b>6#</b>	3015	200	
•						
I and a second of the second			ting by the Geological Surv			
I understand that this	plan or work must h	evert approvat in wit	and of the decident only	e, cerure operacions n	ey be commenced.	
Company Texa	00-Inc.					
Address -	1 thur 316	c.	, .	** .	,	
Address	), BOX 310	<b>y</b>			) ( ) ( )	
			R <sub>v</sub>	• • •	)' = 1.1	
Hid	end, Texa	<b>8</b>	Бу	d same	سسيسسسان المادكة المستشوي است	
			Tal	. A. VELTE	ing the second way.	
***************************************			i itiep	iateion-ct	VIL ENGINEER	

	NEW MEX	ICO OIL CONSE	RVATION C	 OMMISSIC	Эн	FORM C-12 Revised 5/1/5	1
	WELL LOCAT	ION AND ACRE	EAGE DEDI	CATION	PLAT		
	SEE INSTRUCTION	FOR COMPLETING		THE REV	ERSE SIDE		
Operator		SECTION Lease	DN A			Vell No.	
TEXACO		Citi	es Servi	e Feder	ral	1	
Unit Letter Section	3 17.5	outh Ran	6 East	County	Lea		
Actual Footage Location 660 feet f	from the South	line and 660	fee	from the	West	line Sec. 3	
Ground Level Elev. F	Producing Formation San Andres	Pool Wes	t Loving	ton		Dedicated Acreage: 40 Acre	es
who has the right to d another. (65-3-29)	frill into and to produce  e) NMSA 1935 Comp.)  tion one is "no," have t  D If answer is "	from any pool and to the interests of all the 'yes,' Type of Conso	owners been co	production e	ither for him	. (''Ouner'' means the per nself or for himself and tization agreement or other	
Owner	non two is no, nist an	the owners and their	Land Descripe		:	RECEIVED	
						SEP 1 1960	
						S. GLUEUGICAL SURVEY	
	SECTI	ON B _ Mar	ked Ston	e -=-0	] '	MOBBS, NEW MEXICO CERTIFICATION	
Ohio 1	Lse.	Pan Amer	rican Lse		in SECTI	certify that the information ION A above is true and co the best of my knowledge a full to the best of	om-
F. Turner Lse.	<i> </i>	<i>-</i>	+/		Company	ion Civil Engine TEXACO Inc. 8/26/60	eer
Graham	i 	)			·		
• 5	Service lse.	Gulf Lse.		·	shown on plotted fr surveys r supervisi	certify that the well location the plat in SECTION B we from field notes of actual made by me or under my ion, and that the same is the to the beat of my knowled.	ras
40 Ac. -660' γ-1099	STAN	E			Date Sur		
0 330 660 990 /3	320 1660 1980 Z310 Z	640 Z000 IS	00 1000	500 0	Cértifica		

. B .. HST 4 . . . . . . . . . . . 6-2700 . .. CN NEW MEXICO

August 27, 1960

TRIACO, Inc. Attm.: Mr. J. J. Velten Division Civil Engineer 7.0. Dem 3109 MERIAND, TRIAS

205189 - Citàes & Federal Lease

Boar Mr. Velton:

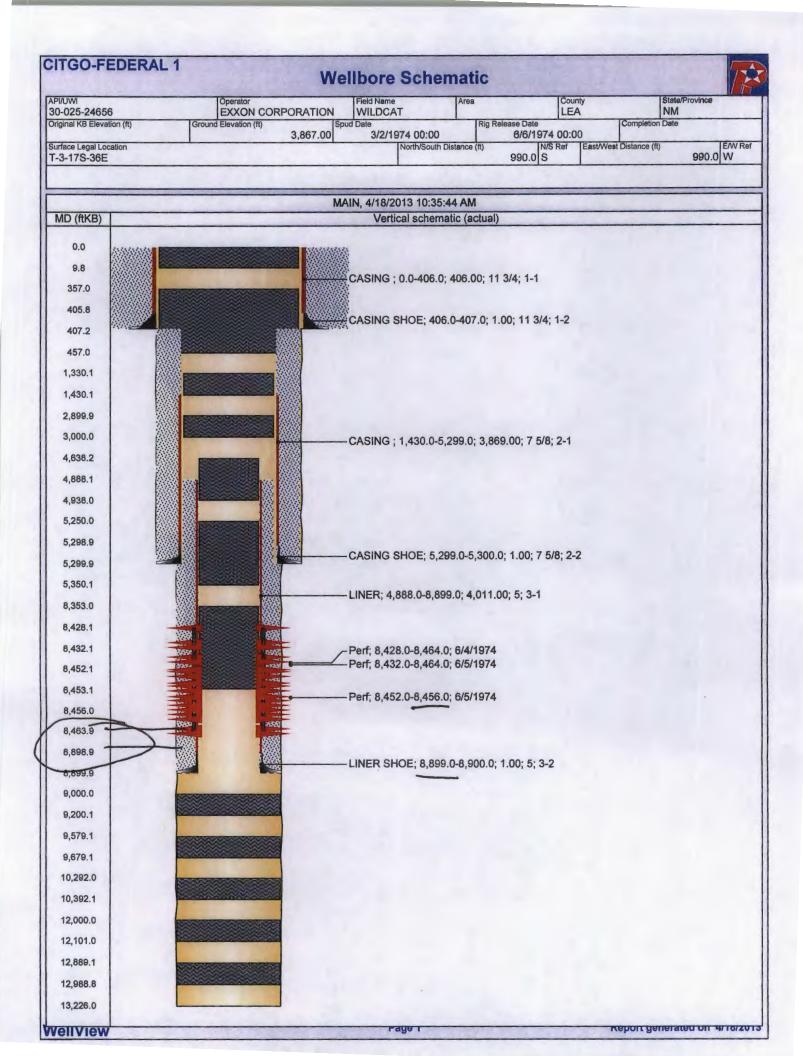
Serie.

A strict search of the area of the above described well staked under date of August 25, 1960 in the seater of Salari of Section 3, 7178, R36E, MCM, disclosed ne evidence of mine shafts, mining claims, or mining activities of any kind within a 1500 feet radius of the location.

Very truly yours,

Monse No. 1559

of Lea Engineering Co.



CITGO-FEDERAL 1		Casi	ng a		ement S		mary				
API/UWI 30-025-24656	Operator EXXON CORF	PORATI	ION	Field Name WILDCA		Area		County		State/Province NM	
Original KB Elevation (ft) Gro	und Elevation (ft)	3,867	Spuc	3/2/19	74 00:00	Rig	Release Date 6/6/197	74 00:00	Compl	etion Date	
Casing Strings SURFACE, 407.0ftKB											, , , , , , , , , , , , , , , , , , , ,
Run Date 3/2/19 <b>74</b>	Casing Description				14.				Set Dep	th (ftKB)	407.0
Casing Components	JOONI AGE										707.
Item Des				con	OD (in)		Grade	Wt (lb/ft)		Len (ft)	Jts
CASING CASING SHOE		, (	Casing Casing (old)		11 3 11 3	- 1			İ	406.00	10
PRODUCTION, 5,300.0ftKB			(=/								
Run Date 4/1/1974 Casing Components	Casing Description PRODUCTION								Set Dep	ith (ftKB)	5,300.0
Item Des				con	OD (in)	Т	Grade	Wt (lb/ft)		Len (ft)	Jts
CASING			Casing	(red)	7 5	/8 N80	)	2	6.40	3,869.00	
SURFACE	pe asing	String	ACE, 40	)7.0ftKB	Start Date 3/3/1974	Comme	nt				
Cement Stages											
<stagenum>, 0.0-407.0ftKB Top Depth (ftKB)</stagenum>					Bottom Depth (ff	tKB)					
Comment				0.0							407.0
CMT W/450SX W/4%GEL AND 29	% CACL										
Cement Fluids						2					
Amount (sacks) Class						Com					
PRODUCTION, Casing, 4/1/1974	01:00										
	<sup>/pe</sup> :asing	PROD 5,300.0	UCTIO	N,	Start Date 4/1/1974	Comme	nt				
Cement Stages											
<stagenum>, 0.0-5,300.0ftKB Top Depth (ftKB)</stagenum>					Bottom Depth (ff	KB)					
Comment				0.0							5,300.0
CMT W/1365SX CMT W/2%CACL	-										
Cement Fluids Amount (sacks) Class						C					
Amount (sacks) Class						Com		-	·····		
LINER, Casing, 6/4/1974 01:00				1,							
Description Ty	rpe assina	String	. 8.900	OffKB	Start Date 6/4/1974	Comme	nt				
Description Ty	rpe asing		, 8,900.	0ftKB	Start Date 6/4/1974	Comme	nt				

Cement Fluids Amount (sacks)

Comment CMT W/700SX CLASS H CMT W/2% HR-4

Class

Type Squeeze

CMT SQZ, Squeeze, 6/4/1974 01:00
Description Type
CMT SQZ Squee

Start Date

6/4/1974

Com

Comment

4,888.0

String LINER, 8,900.0ftKB

8,900.0

CITGO-FEDERAL 1		Casing and Ce	ment Si	ummary			
Casing Components							
CASING SHOE	Des	Casing shoe (old)	OD (in) 7 5/	Grade	Wt (lb/ft)	Len (ft) 1.00	Jt <b>s</b>
LINER, 8,900.0ftKB							
Run Date 6/4/1974	Casing Description				Set	Depth (ftKB)	8,900.
Casing Components	EINEN						0,000
LINER	Des	Liner (red)	OD (in)	Grade 5	Wt (lb/ft)	Len (ft) 4,011.00	Jts 9
LINER SHOE		Casing shoe (old)		5		1.00	
Coment Stance							
<stagenum>, 8,428.0-8,464.0 Top Depth (ftKB)</stagenum>	OftKB		Bottom Depth (fth	(R)			
		8,428.0					8,464.
Comment							
Cement Fluids							
Amount (sacks) Class				Com			
CMT PLUG 1, Plug, 6/8/1974	02:00						
Description CMT PLUG 1	Type Plug	String	Start Date 6/8/1974	Comment			
Cement Stages	lug		0/0/10/4				
<stagenum>, 12,889.0-12,98 Top Depth (ftKB)</stagenum>	9.0ftKB		Bottom Depth (ft)	(0)			-
		12,889.0		<b>\D</b> )			12,989.
Comment CMT W/25SX CLASS H CMT							
Cement Fluids							
Amount (sacks) Class				Com			
CMT PLUG 2, Plug, 6/8/1974	03:00		W.**				
Description CMT PLUG 2	Type Plug	String	Start Date 6/8/1974	Comment			
Cement Stages	lug		0/0/13/4				
<stagenum>, 12,000.0-12,10</stagenum>	1.0ftKB	100	ID-H DII- (61)	(5)			
rop Depth (πκΒ)		12,000.0	Bottom Depth (ft)	<b>(B)</b>			12,101.
Comment CMT W/25SX CLASS HC W/.	5%HR-4						
Cement Fluids							
Amount (sacks) Class				Com			
CMT PLUG 3, Plug, 6/8/1974	04:00		···				
Description	Туре	String	Start Date	Comment			
CMT PLUG 3 Cement Stages	Plug		6/8/1974				
<stagenum>, 10,292.0-10,39</stagenum>	2.0ftKB						
Top Depth (ftKB)		10,292.0	Bottom Depth (ft)	(B)			10,392
Comment		10,202.0					. 0,002.
CMT W/25SX CLASS C H							

CITGO-FEDE	KAL 1	Casing a	nd Cement S	ummary		
						-
Coment Fluide						
Amount (sacks)	Class			Com		
CMT PLUG 4, Plug Description	Туре	String	Start Date	Comment		
CMT PLUG 4 Cement Stages	Plug		6/8/1974			
<stagenum>, 9,579</stagenum>	0.0-9,679.0ftKB					
Top Depth (ftKB)			9,579.0 Bottom Depth (f	tKB)	9	,679.0
Comment	OCH NEAT		0,0.0.0			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
CMT W/25SX CLAS Cement Fluids	S H NEAT					
Amount (sacks)	Class			Com		
CMT PLUG 5, Plug	. 6/8/1974 06:00					
Description CMT PLUG 5	Type Plug	String	Start Date 6/8/1974	Comment		
Cement Stages	Plug	L	0/0/1974	<u> </u>		
<stagenum>, 9,000 Top Depth (ftKB)</stagenum>	0.0-9,200.0ftKB		Bottom Depth (f	WD)		
			9,000.0	(ND)	9	,200.0
CMT W/50SX CLAS	SS H					
Cement Fluids	Clare I					
Amount (sacks)	Class	11.50	NAME OF THE OWNER OWNER O	Com		
CMT PLUG 6, Plug						
Description CMT PLUG 6	Type Plug	String	Start Date 7/11/1974	Comment		
Cement Stages	0.0.450.0645					
<stagenum>, 8,353 Top Depth (ftKB)</stagenum>	3.0-8,453.0πΚΒ		Bottom Depth (fi	KB)		
Comment			8,353.0		8	3,453.0
25SX CLASS H						
Cement Fluids Amount (sacks)	Class			Com		
CMT PLUG 7, Plug Description		China	I Charle Davis	I Commant		
CMT PLUG 7	Type Plug	String	Start Date 7/11/1974	Comment		

		Casing a	nd Cement S	ummary	
,					
Cament Stages					
<stagenum>, 5,250.0-5,350</stagenum>	.0ftKB				
Top Depth (ftKB)			Bottom Depth (ftl	KB)	5,350.
Comment			5,250.0		3,000.
25SX CLASS H Cement Fluids					
Amount (sacks) Class				Com	
CMT PLUG 8, Plug, 7/11/19 Description	Туре	String	Start Date	Comment	
CMT PLUG 8	Plug		7/11/1974		
Cement Stages <stagenum>, 4,636.0-4,938</stagenum>	.0ftKB				
Top Depth (ftKB)			Bottom Depth (ft)	KB)	4,938.
Comment			4,636.0		4,930.
75 SX CLASS H Cement Fluids					
Amount (sacks) Class				Com	
CMT PLUG 9, Plug, 7/11/19 Description	Type	String	Start Date	Comment	
CMT PLUG 9 Cement Stages	Plug		7/11/1974		
<pre><stagenum>, 2,900.0-3,000</stagenum></pre>	.0ftKB				
Top Depth (ftKB)			Bottom Depth (ftl	KB)	3,000.
Comment	<del></del>		2,900.0		3,000.
35SX CLASS H Cement Fluids			14		
Amount (sacks) Class				Com	
	974 05:00	Tour	Start Date	Comment	
CMT PLUG 10, Plug, 7/11/1					
Description CMT PLUG 10	Type Plug	String	7/11/1974		
Description CMT PLUG 10 Cement Stages	Type Plug	String			
Description CMT PLUG 10 Cement Stages <stagenum>, 1,330.0-1,430</stagenum>	Type Plug	String	7/11/1974   Bottom Depth (ft)	KB)	
CMT PLUG 10, Plug, 7/11/10 Description CMT PLUG 10 Cement Stages <stagenum>, 1,330.0-1,430 Top Depth (ftKB) Comment</stagenum>	Type Plug	String	7/11/1974	KB)	1,430.

CITGO-FED	ERAL 1		Casing and C	Cement S	ummary		
	,,,						
						.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
Coment Fluide							
Amount (sacks)	Class				Com		
CMT PLUG 11, I	Plug, 7/11/19	74 06:00					
Description CMT PLUG 11		Type Plug	String	Start Date 7/11/1974	Comment		
Cement Stages <stagenum>, 35</stagenum>		3					
Top Depth (ftKB)			35	Bottom Depth (ft	KB)		457.0
Comment 11SX CLASS H							
Cement Fluids Amount (sacks)	Class				Com		~
CMT PLUG 12, I	Plug, 7/11/19	74 07:00 Type Plug	String	Start Date	Comment		
CMT PLUG 12 Cement Stages		Plug		7/11/1974			<u></u>
<stagenum>, 0. Top Depth (ftKB)</stagenum>	0-10.0ftKB			Bottom Depth (ft	KB)		
Comment				0.0			10.0
5SX CLASS H Cement Fluids	1 10 00	A 1977 - A 1977 - A 1977					
Amount (sacks)	Class				Com		

TGO-FEDERA			Well 9	Summary				
PI/UWI 0-025-24656		ield Name VILDCAT	Area	Operator EXXON CORPORA		County _EA	State/P	rovince
iginal KB Elevation (ft)	Ground Elevation	3,867.00 KB-	-Ground Distance (ft)	Spud Date 3/2/1974 00:00	Rig Release		Completion I	Date
urface Legal Location		3,007.00	****	North/South Distance (ft)	N/S Re		Distance (ft)	E/W R
-3-17S-36E					990.0 S			990.0 W
- woe a4!			-	Wellbore				
formname>				Wellbore Name MAIN	Pro	ofile Type		VS Dir
ormation Name D	rill Top Commer	nt		Size (in)	Act Top (ftKB)	Act Btm (ftKE	3) Start Date	End Dat
ther Picks		4.40		15	0.0 407.0		1	
		Top (ftKB)		7 7/8	5,300.0			
Perforations							Shot Dens	
Date 5/4/1974 01:00			Туре	Top (ftKB) 8,428.0	Btm (f	8,464.0	(shots/ft)	Entered Shot To
3/5/1974 02:00		Į.		1 1			1	
6/5/1974 03:00				8,432.0		8,464.0	1	
5/3/1974 03.00				8,432.0 8,452.0		8,464.0 8,456.0		
55/1974 03.00				, ,				
General Notes				, ,				
				8,452.0				
General Notes				8,452.0				
General Notes				8,452.0				
General Notes				8,452.0				
General Notes				8,452.0				
General Notes				8,452.0				
General Notes				8,452.0				
General Notes				8,452.0				
General Notes				8,452.0				
General Notes				8,452.0				

inal KB Elevation (ft)   Ground Elevation (ft)   3,867.00   Spud Date   3/2/1974 00:00   Rig Release Date   6/6/1974 00:00   Completion Date	/UWI -025-24656	Field Nan	ne	Area	Operator EXXON CORPORATION	County ON LEA	State/Province	ð
Section    Components   Compone			(ft)	Spud Date	Rig Release D	Date		
North-South Delance (ft)   Sept.   North-South Delance (ft)   Sept.   North-South Reference   Sept.   Nort			3,007	.001 3/2/19/-	700.00	3/13/4 00:00		
Section   Sect	cation West Distance (ft)	East/M	est Reference		North/South Distance (ft)	North/So	uth Reference	
	-17S-36E							
od Components    Doctor   Set Des   Len (t)   Its   Bim (fix(B)   Rod Des   Run Date   Pull Date   Set Des								
D (in) Item Des Len (ft) Jis Bim (ft/KB) Rod Des Run Date Pull Date Set Des	)D (in)	Item Des	Len (ft)	Jts Btm (ftKB)	Des	Run Date	Pull Date Se	et Dep
D (in) Item Des Len (ft) Jis Bim (ft/KB) Rod Des Run Date Pull Date Set Des								
D (in) Item Des Len (ft) Jis Bim (ft/KB) Rod Des Run Date Pull Date Set Des								
D (in) Item Des Len (ft) Jis Bim (ft/KB) Rod Des Run Date Pull Date Set Des								
her In Hole								
DD (in)   Item Des   Len (ft)   Jis   Bitm (ft/KB)   Rod Des   Run Date   Pull Date   Set Dep								
DD (in)   Item Des   Len (ft)   Jis   Bitm (ft/KB)   Rod Des   Run Date   Pull Date   Set Dep								
her In Hole								
her In Hole								
her In Hole								
her In Hole								
her In Hole								
DD (in)   Item Des   Len (ft)   Jis   Bitm (ft/KB)   Rod Des   Run Date   Pull Date   Set Dep								
her In Hole	od Components OD (in)	Item Des	Len (ft)	Jts Btm (ftKB)	Rod Des	Run Date	Pull Date   Se	et Dej
The fact of the fa		Pun Date	Pull Date	Ton (#KB)	OD (in)	1.11	Com	
	Des	Run Date	Full Date	τορ (πκε)	CD (III)		Com	

WellView

Ferm 9-330 Rev. 5-63)		UNIT -	STAT	ES ·	SUBMIT	IN DUPLICA		Form ap Budget I	oproved. Bureau No. 42~R355,5.
	DEPARTI				ERIOR	(See	tions on		ION AND BERIAL NO.
1		EOLOGICA				rever	se side)	02049	
WELL COL	MPLETION (				EPORT A	AND LOW	A IS IND		TTES OR TRIBE NAME
IA. TYPE OF WELL	r: OIF	CAS C				1110 20	7. CHIT A	ODERHOV.	. KAMP
	WELL	MELL L	Ď B.	▼ 🐼 c	other		- 1. CKIE 2	- CREENING	
NEW X	WORK DEEP-		DIFF.		Other		S. FARM C	R LEASE	NAME
2. NAME OF OPERATO	OPER L EN	DACK L			- ·	3 1	CIT	GO-F	ederal
Exxon Co.	rporation			·	:	: :	9. WELL		• .
3. ADDRESS OF OPER	ATOR .					:	11_		
Box 1600,	Midland,	Texas 7	9701		State seeming	· .	· · · · · · · · · · · · · · · · · · ·	_	, GR WILDCAT
At surface	FSL &	1980' F					11. HEC.,	r., R., M., C	DE BLOCK AND SURVEY
At total depth	Same	- заше		. 7 -	5	1	Sec	, <sup>т</sup> : 3 Т-	17-S, R-36-
:	3	·· ≒ 5	14. PER	MIT NO.	··	ATE ISSUED	12. COUNT	T OB	13. STATE
	. ។ជីងដែ			• • •:	·	1-25-74	Lea		New Mexi
S. DATE SPUDDED	16. DATE T.D. REA	CHED   17. DAT	E COMPL. (	Ready to	prod.)   18.	ELEVATIONS (	OF, REB, BT, GR, ETC.)		LEV. CASINGHEAD
3-2-74	6-6-74		y Hole			3,8671			·
). TOTAL DEPTH, MD	A TVD 21. PLUG.	BACK T.D., MD A	TVD   22.	HOW MA	NY.	23. INT	LLED BY		CABLE TOOLS
13,226	VAL(8), OF THIS C	OMPLETION-TOP	BOTTOM.	MANE (M	D AND TVD)*	_ !	→ 0'- 13		. WAS DIRECTIONAL
:				•	·	Á.	ŢŔŸ.		BURYLY MADE
None - dr	rv hole					<u> </u>	F. 4. 1. 1.	=	· No
6. TYPE ELECTRIC A	ND OTHER LOGS BU						1 1	27. W	AS WELL CORED
Sidewall N	eutron Gam	nma Ray,	Dual	Later	log & B	HC Acou	stilog		No
S. CAJING SIZE	WEIGHT, LB./FT				rt all strings		MENTING RECORD	<del></del>	
11-3/4"	47#		07'		5"		SX		None
7-5/8"	26.4#	5, 3			1"	1.365			1,430'
1=-//									
9.		INER RECORD				30.	TUBING R		
511		8,900¹	SACKS CE		None	None	DEPTH SET	(MD)	PACKER SET (MD)
	4,8881	0, 900	10	-	None	None			
1. PERFORATION REC	COED (Interval, eize	and number)	·		32.	ACID, SHO	FRACTURE, CEM	ENT SQU	EEZE, ETC.
Perforate	ed from 8,4	1281 to 8,	464' w	/11	DEPTH INT	ERVAL (MD)	AMOUNT AND	KIND OF	MATERIAL USED
shots.						-8,464'			NE Hcl aci
	rated after			t job	8,452	-8,456'	1, 300 gals	. 15%	Reg. acid
from 8,	452' to 8,4	56' w/9 s	hots.				ļ		
				PROD	UCTION		<u> </u>		
33.•	ION   PRODUC	TION METHOD (	Flowing, go	ıs lift, pu	mping-size	and type of pu	mp) WI	LL STATU	3 (Producing or
			l moon!	. FOR	Att. PDF	'			-17-74
Dry Hole		1 CHOKE DITE	PROD'S	PERIOD	OIL—BBL.	GASN	VATUR-	BBL.	GAS-OIL RATIO
Dry Hole		CHOKE SIZE	TEST				1 11 1		
Dry Hole		CALCULATED	016	BBL.	GAS-	MCF.	WATER-BELL	∴   ofr e	BAVITY-API (COBR.)
Dry Hole	HOURS TESTED		016	BBL.	GAS-	MCF.	WATER-BULL	o of o	BAVITY-API (COBR.)
Dry Hole Date of test	HOURS TESTED	CALCULATED 24-HOUR RAT	016		GAS—:	MCF.	[ ] }	OLL G	
Dry Hole ATE OF TEST  LOW, TUBING PRESS.  34. DISPOSITION OF G	CASING PRESSURE	CALCULATED 24-HOUR RAT	016			MCF.	[ ] }	1/2	
Dry Hole DATE OF TEST  FLOW, TUBING PRESS.  54. DISPOSITION OF G	CASING PRESSURE AS (Sold, used for f	24-HOUR RAT	OIL!		7 <	NCF.	[ ] }	1/2	
Dry Hole DATE OF TEST  FLOW, TUBING PRESS.  34. DISPOSITION OF G  35. LIST OF ATTACH  TWO CODI	AS (Sold, used for f	24-HOCR RAT	oit	r Item	26.		[ ] }	NESSED B	IT .
PLOW. TUBING PRESS.  34. DISPOSITION OF G  35. LIST OF ATTACH	AS (Sold, used for f	24-HOCR RAT	under	r Item	26.		ekst wir	le records	Y

#### INSTRUCTIONS

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

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), forma-

tion and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

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

or reacrat once for specific instructions.

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

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

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

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

DEPTH INTERVAL	TESTED, CUSHION	USED, TIME TOOL OF	TS THERROF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING PEN, PLOWING AND SHOT-IN PRESSURES, AND SECONDERS		OIC MARKERS	11/1
PORMATION	тор	ноттом	DESCRIPTION, CONTENTS, ETC.	NAM B		OP
See attachment	for this s	ummary.	String to the string of the st	Rustler Seven Rivers Queen San Andres Leonard Tubb Abo Wolfcamp Bough Pennsylvanian Derry Morrow Mississippian LM (Rancheria Woodford Hunton	1,916 3,327 3,918 4,789 6,144 7,710 8,397 9,660 10,391 10,900 11,468 11,731 12,101 12,839 12,989 13,226	TRUE VIET DEPT (1904) TO FIGURE TO FAST (1904) TO F

#### ATTACHMENT Citgo - Federal Well #1

Item 37: Summary of Porous Zones:

Formation	Тор	Bottom	Description, Contents, Etc.
Tubb	7,889	7,904	DST #1: Tool open 15 min init., closed 60 min init., open 60 min final, closed 120 min final. Rec. 1,677' gas in DP - 10' free oil (34 grav. corr.) 80' drlg. fluid. IHP 3683, IFP 28/28, ISIP 1108, FFP 57/57, FSIP 855, FHP 3683.
Abo	8,450	8,494	DST #2: Tool open 10 min init., closed 63 min init., open 75 min f.nal, closed 120 min final. Rec. 2133' oil (39.8 grav. corr.), 1976' O&G cut salty sulf. water. IHP 4125, IFP 437/569, ISIP 2153, FFP 1396, FSIP 2060, FHP 4081.
			Selectively perf. (11 shots) 8428-8464. Well swbd down to 8168 w/no fluid recovery.  Reperf. 8432-8464, A/3250 gals.  1) 3 hr swab, rec 25 BLW, trace oil & gas 2) 10 hr swab, rec 89 ELW & 8 BO (35.9° grav)  3) 8 hr swab, rec 63 BLW & 4 BO*  4) 6 hr swab, rec 84 BLW, 1661 new wtr & 4 BO*
			Reperf 8452-8456' (9 shots) A/300 gals 1) 5 1/2 hr swab, rec 60 BLW & 4 BO;* ReA/1000 gals 2) 13 hr swab, rec 74 BLW, 11 BO * 3) 10 hr swab, rec 10 BLW, 64 bbl new wtr. 4 BO* 4) 8 hr swab, rec 63 bbl new wtr w/trace oil
Chester (U. Mississippian)	12,024	12,064	DST #3: Tool open 20 min init., closed 62 min init., open 120 min. final, closed 240 min. final. Rec. 60' sli GCM & 64' M. IHP 6172, IFF 47/94, ISIP 331, FFP 94/94, FSIP 520, FHP 6127
Hunton	13,012	13,154	DST #4, Tool open 10 min init., closed 60 min init., open 180 min. final, closed 180 min final. Rec 3307' gas in DP, 940' O&GCM, 1921' sulf wtr. IHP 6715, IFP 87/218, ISIP 5120, FFP 197/1309, FSIP 5120, FHP 6651.

<sup>\*</sup> Amounts shown as oil is actually non-

#### ATTACHMENT Citgo - Federal Well #1

Formation	Тор	Bottom	Description, Contents, Etc.
Hunton	13,090	13226	DST #5: Tool open 6 min, closed 8 min init., open 270 min final, closed 15 min final. Rec 900' gas in DP, 180' sli O&GCM, 3578' formation wtr.



MIDCONTINENT PRODUCTION DIVISION SOUTHWESTERN EXPLORATION DIVISION

WIR WARDROUP DIVISION SPELLING MANAGER

June 25, 1974

#### LISTED BELOW ARE THE DEVIATION TESTS TAKEN ON OUR CITGO-FEDERAL NO. 1.

DEPTH	DEGREES OF DEVIATION	DEPTH	DEGREES OF DEVIATION
190'	1/2	6,900'	1-3/4
400'	1/4	7,390'	1-1/4
9391	1/2	7,7461	1-1/2
977'	1/2	8,430'	.2
1,415'	1/2	8,490'	2
1,904'	3/4	8,959'	1-1/4
2,730'	1-1/4	9,2721	1-1/2
3,084'	3/4	9,454'	2
3,540'	1	10,025'	2-1/2
4,040'	3/4	10,270'	2-1/4
4,177'	3/4	10,670'	2-1/2
4,430'	1	11,341'	1-1/4
4,786'	1	11,850'	.2
5,300'	2-1/4	12,100'	3
5,3581	1	12,200'	3
6,250'	1-1/2	12,670'	3-1/2
•	• •	12,860'	4-1/2
		13,154'	5

BY A. X. Climmer
PROPATION SPECIALIST

My commission expires: 6-7-75

Form 9-331 (May 1963)	DEPARTME	NT THE INTEDLOGICAL SURVEY	SUBMIT IN TR (Other historical PRIOR verse side)	IPLICATE OF	NY. 020491	ireau No. 42 Rills ion and spare 8
(Do not	SUNDRY NOTICE	ES AND REPORTS	S ON WELLS ur back to a different reset ch prop vals.)	volr.	G. IF INDIAN, ALLOT	THE OR THIS : NA . :
1. on ∵⊽	1. AS				7. UNIT AGREEMENT	NAME
WELL X	WILL I OTHER				S. FARM OR LEASE :	NAME: T
	orporation				CITGO-Fede	eral
	O, Midland, Texa				1	
See also space	with (Report location clear e 17 below.)		any State requirements.		10. FIELD AND POOL	, or wildow:
At surface	990' FSL	& 990' FWL			Wildcat  11. sec. T, R., M., C survey on A	OR LUK, AND
14. PERMIT NO.		15. ELEVATIONS (Show whether	er DF, RF, GR, etc.)		Sec. 3, T-	-17-S, E-36-E
		3,867'			Lea	New Mexico
16.	Check Arm	opriate Box To Indicat	te Nature of Notice, R	eport, or O	ther Data	
	NOTICE OF INTENTIO		1		ENT REPORT OF:	
TEST WATER	SHUT-OFF PUL	L OR ALTER CASING	WATER SHUT-OF		) REPAIRIN	SG WELL
PRACTURE T		TIPLE COMPLETE	FRACTURE THEA	i		G CASING
SHOOT OF A	CIDIZE	ND6N*	SHOOTING OR A	CIDIZING	ABANDON	MESI* X
REPAIR WEL	I. CH	NGE PLANS	(Other)	enum Posults	of multiple completi	liaZI no no
(Other)			Completio	n or Recomple	tion Report and Leg	form.)
proposed y nent to thi	denses of completes oreax work. If well is directional is work.) • T.D. 13,		locations and measured and Set the following			kers and zones perti-
Plug No	. Sacks	From	То	Туре	Cement	
1	25	12,889'	12,989'	Class		
2	25	12,000'	12,101'	Class		
3	25	10,292'	10,392'	Class		
4 5	25 50	9,579' 9,000'	9,679' 9,200'	Class Class	s "H" s "H"	
Set the	e following plugs	on 7-11-74.	·			
D1 V.	G1	7	m -		Q +	
Plug No	Sacks 25	From 8,353'	8,453'	Class	Cement s "H"	
7	25	5,250'	5,350'		s "H"	
8	75	4,636'	4,938'		s "H"	
9	35	2,900'	3,000'		s "H"	
10	50	1,330'	1,430'	Class	s "H"	
11	50	357 '	457		s "H"	
	5 led cap and dry h bits. Verbal app			0 p.m. 7		d clean and perations.
ty I haraha car	tify that the foregoing is t	ena and exercit				
10. 1 10 (ray Co.	1 & Can	mer	Proration Spe	oialiet-	7	-19-74
SIGNED	D, L. Cla	mer				
(This space	for Federal or State office	use)	TAB		and a	
APPROVED CONDITION	S OF APPROVAL, IV AND	T:FLD:		EB A	ezovál	
		*See Instruc	tions on Reverse Side	WIND TO	NV 5 * 1	
			\ .			

Form 9-331 (May 1963)		UNIT STAT		SUBMIT IN TRIPL	· -	Form appro- Budget Bui	reau No. 42 -R1424.
		SEOLOGICAL S		) (	1	NM 020491	
	SUNDRY NOT	ICES AND RI	EPORTS O	N WELLS ck to a different reservoir posals.)	İ	S. IF INDIAN, ALLOT	TEE OR TRIBE NAME
I. 01L 5 6.	AS OTHER		Tot ages pro	1		7. UNIT AGREEMENT	NAME
2. NAME OF OPERA				<del></del>		3. FARM OR LEASE N	AME
Exxon Cor	poration					Ci.tgo-Feder	cal
3. ADDRESS OF OPI						WELL NO.	*
Box 1600,	Midland, Tex	as 79701				1	
4. LOCATION OF WI	ELL (Report location of 17 below.)	learly and in accord	ance with any S	tate requirements.*	1	10. FIELD AND POOL,	OR WILDCAT
At surface						Wildcat	
	990	' FSL & 990'	₹WL			11. SEC., T., B., M., O SURVEY OR AR	B BLK, AND EA
					1	a 2 m :	17 5 5 7 5
14. PERMIT NO.		15. ELEVATIONS (S	how whether nr	PT CP atc)		Sec. 3, T	17-S, R-36-E
111 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			,867' GR	KI, UK, ECC.)	1	Lea	New Mexico
		]	,007 GR			Leia	Hew Hexteo
16.	Check A	opropriate Box T	o Indicate No	ature of Notice, Repo	ort, or Otl	ner Data	
	NOTICE OF INTES	TION TO:	1		SUBSEQUE	T REPORT OF:	
TEST WATER S	HCT-OFF	PULL OR ALTER CASI	va 🗀	WATER SHUT-OFF		BEPAIRING	G WELL
PRACTURE TRE	[ <del></del> ]	MULTIPLE COMPLETE		FRACTURE TREATME.	,	ALTERING	<u>;</u> ,
SHOOT OR ACIE		ABANDON®		SHOOTING OR ACIDIZ		ABANDONS	i—i
DEPAIR WELL		CHANGE PLANS		(Other)		Plug Back	X
(Other)		Plug Back	X	(Note: Repor	rt results of Recomplet	mustiple completion from the completion of the contract of the complete com	on on Well
17. DESCRIBE PROPO proposed wo nent to this s	rk. If well is directi	ERATIONS (Clearly strongly drilled, give s	ate all pertinent subsurface location	details, and give pertibe ons and measured and tru	nt dates, in ue vertical	cluding estimated e deptas for all mark	late of starting any ers and zones perti-
	#3, 10,392'	-10,292' w/2	5 sacks Cl	2,101'-12,000' v Lass "H"; #4, 9 v/50 sacks Class	<b>,</b> 679 <b>'-</b> 9		
SIGNED (This space to	y that the foregoing in the control of the control	Cice use)	TITLE	ACCEPTED FOR R  JUL 1 2 19  WRIGHT STREET, OCICAL HOUSE STREET, OCICAL HOUSE STREET, OCICAL	ECORD 74 (4	DATE	10-74
		. 26	e Instructions	HOBBS I GEEM	IVILIVI		

Form 9-331 (May 1963)	UNITED STATES EPARTMENT OF THE INTERI GEOLOGICAL SURVEY	SUBMIT IN TRIPLIC ** 7.* OR (Other instructions (	Form approved. Budget Eureau No. 42-81424. 5. LEASE DESIGNATION AND SERIAL NO NM 020491
	Y NOTICES AND REPORTS C for proposals to drill or to deepen or plug to "APPLICATION FOR PERMIT—" for such p."		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
i. OIL 🙀 GAS			7. UNIT AGREEMENT NAME
WELL X WELL  2. NAME OF OPERATOR	OTHER		8. FARM OR LEASE NAME
Exxon Corporat	ion		CITGO-Federal
Box 1600, Midl	and, Texas 79701 Uncation clearly and in accordance with any	State requirements.•	1 10. FIELD AND FOOL, OR WILDCAT Wildcat 11. SEC., T., R., M., OR BLK. AND
			SURVEY OR AREA
14. PERMIT NO.	15. ELEVATIONS (Show whether DE	, RT, GR, etc.)	Sec. 3, T-17-S, 2-36-E 12. COUNTY OR PARISH, 13. STATE
	3,867' GR		Lea New Mexico
16.	Check Appropriate Box To Indicate N	lature of Notice, Report, or C	Other Data
NOTIC	e of intention to:	SUBSEQ	UENT HIPORT OF:
TEST WATER SHUT-OFF	PULL OB ALTER CASING MULTIPLE COMPLETE	WATER SHUT-OFF FRACTURE TREATMENT	REPAIRING WELL ALTERING CASING
SHOOT OR ACIDIZE	ABANDON*	SHOOTING OR ACIDIZING	ABANDONMENT*
BEPAIR WELL	CHANGE PLANS		" Liner X
17. DESCRIBE PROPOSED OR CON proposed work. If wel nent to this work.) *	PLETED OPERATIONS (Clearly state all jurtines is directionally drilled, give subsurface local	t details, and give pertinent dates	detion keport and Log form.) , including estimated date of starting any
700	5" liner (97 joints 4,012' sacks Class H cement w/2% ing to 2,000#, 10 minutes,	HR-4. WOC 4 hrs. T	
(This space for Federal of APPROVED BY	Clemmer TITLE 1	ACCEPTED FOR JUL 1.1 s on Reverse Side U. S. GEOLOG U. S. HOBBS, NE	DATE 7-2-74  RECORD DATE 1974
	*See Instruction	s on Reverse Side U. S. GEOLOG HOBBS, NE	EW MEXICO

Form 9-331 (May 1963)	DEPART	UNITED STATES MENT - THE INTER GEOLOGICAL SURVEY	SUBMIT IN TRIPLICATE (Other instructions on IOR verse side)	Duaget b	ION AND SERIAL NO.
		ICES AND REPORTS (sals to drill or to despea or plus arrion FOR PERMIT—" for such p			TTEL OR TRIBE NAME
OIL X GAS	LL OTHER			7. UNIT AGREEMEN	r NAME
2. NAME OF OPERAT	DR .			8. FARM OF LEASE	
Exxon Cor	•			CITGO-Fed	leral
	Midland, Te	exas 79701		1	
4. LOCATION OF WEI See also space 17 At surface	L (Report location of below.)	clearly and in accordance with any	State requirements.*	Wildcat	
990' FSL	& 990' FSW			Sec. 3,	OR BLE. AND IBEA T-17-S, R-35-E
14. PERMIT NO.		3,867' Gr.	F, RT, GR, etc.)	12. CCUNTY OR PAR	
16.	Check A	ppropriate Box To Indicate I	Nature of Notice, Report, or	Other Data	
	NOTICE OF INTE	NTION TO:	вива	QUENT REPORT OF:	
TEST WATER SH FRACTURE TREAT SHOOT OR ACIDE REPAIR WELL (Other)	ze	PULL OR ALTER CANINO MULTIPLE COMPLETE ADANDON® CHANGE PLANS	WATER SHOT-OFF FEACTURE TREATMENT SHOOTING OR ACIDIZING (Other) (Note: Report resul Completion or Recon	ALTERIN ABANDO	ion on Well g form.)
Spudded 1 casing, s	an to drill.	March 2, 1974, drill: w/450 sacks cement w	1 depth of approximated to 407'. Ran 10 juich 4% gel and 2% CAC	ts. of ll 3/4'	' 47# 5:00 P.M.
		ريكس	ent Cir	<b>-</b> -, , , , , , , ,	: :
Ran 130 j 2% CACL,	ts. of 7 5/8 P.O.B. at 10	8" 26.4# N-80 casing 0:00 A.M. 4-1-74. W.	, set at 5300' w/136 0.C. 18 hours.	5 sacks cemen	with
5-20-74	ow drilling	at 12,234'			
18. I hereby certify	that the foregoing,		Proration Specialist	DATE	May 20, 1974
APPROVED BY	F APPROVAL, IF	TITLE		DATE	

\*See Instructions on Reverse Side

Form 9-331 (May 1963)	DEPARTME	NITED STATE	INTERIOF	SUBMIT IN TRIPLE (Other instructions verse side)			Form approve Budget Burer SE DESIGNATION	AND BI	
	GE	OLOGICAL SU	RVEY				NM 020491		
	SUNDRY NOTIC te this form for proposals Use "APPLICATI					6. IF	INDIAN, ALLOTTE	OBT	HISE NAME
WELL IX	VELL OTHER						T AGREEMENT N		:
2. NAME OF OPERA						8. TAB	M OR LEASE NAI		;
EXXON 6	Corporation					9. WIE	CITGO-Fed	erai	·
		xas 79701				o. 414	1	: '	÷ F
	00, Midland, Te		e with any Stat	te requirements *		10. 71	ELD AND POOL, O	& WILE	CAT
See also space	17 below.)	L & 990' FWI						:	
	990 F3	11 6 990 1111				11. 61	Wildcat c., r., B., M., OB	BLK. AN	(D
							BURVEY OR AREA	4	
							Sec. 3. T	-17s	P-36-F
14. PERMIT NO.		15. BLEVATIONS (Short	whether DF, RT,	GR, etc.)		12. cc	Sec. 3. T		
							Lea	Note	Mexico
16.		D T 1	Al .	( ) L D	. ^	1			PIENTCO
16.			ndicate Natu	ire of Notice, Repor					
	FOTICE OF INTENTIO	) TO:			BUBSEQU	ENT BI:	PORT OF:	•	
TEST WATER	HUT-OFF PU	LL OR ALTER CASING		WATER SHUT-OFF			REPAIRING	WELL .	
FRACTURE TRE	UM LA	LTIPLE COMPLETE		PRACTURE TREATMEN	r	3 1	ALTERING C	ASING	
BHOOT OR ACI	DIZE AB.	ANDON*		BEOOTING OR ACIDIZA	INO	] .	ABANDONME	NT*	
REPAIR WELL	[] CH	ANGE PLANS	<u>X</u>	(Other)	results	of mul	tiple completion	on W	-L
(Other)		(0)		Completion or	Recomple	tion R	eport and Log fo	rm.)	<del></del>
proposed we nent to this	OSED OR COMPLETED OPERA ork. If well is directions work.) *	Jly drilled, give sub	all pertinent de surface locations	etalls, and give pertinen a and measured and true	e vertica	luciudi 1 depti.	ng estimated da s for all marker	a and	zones perti-
								-	
The propo	sed casing and	cementing p	rogram wi	ll be changed t	to th	e fo	llowing:	=	
Ci V-1-	Ci Coaina	U+ Day D	+ (	Catting Danth	Ouan	+ i + 17	of Cement	. 7	
Size Hole	Size Casing	Wt. Per F	eec :	Setting Depth	Quan	CICY	OI CEMEIR		
15"	11-3/4"	47# K-55	New	400	*	180	sx	2	1797
10-5/8"	7-5/8"	26.4# N-8		5,300'	**	700		÷	
6-1/2"	5"	15 & 18#		13,000'	***	800	sx	-	
,			• •	•				-	
	and S00-95 new							-	<b>电影影</b>
	surface casing t								E - 11-5
	nt back to appro			rotect the San	Andr	es f	ormation.		* : :
*** Cemer	nt back to appro	oximately 4,	500'.				P # a a a a		
							海 麗 泰 華		7.2
							2 2 3 2 3	7 %	3 7 A 3
							15673	£ 1	
							a molomens rospon tido rospon tido to footbon radool noll	11.5	111
							297.3	7.5	
							무취료등병	* -	
							1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3 3	
								5.3	
18. I hereby certi	fy that the foregoing is	true and correct	····						1514
SIGNED Z	elba Gnij	sling.	Pro	ration Special	ist	_	DATE 3-1	-74	
	or Federal or State office			7.7.700	1	j i	)	10.13	
APPROVED I	OF APPROVAL, IF AN		TITLE	1		_	DATE		
				1	. 19	374./	DIAS	10	
				$\int \int \int d^3x d^3x d^3x$	. ,	(	100		
		*500	Instructions of	n Reverse Side	A 1. 6	, in the second	•		
		766	,.,,	2.42.5 1.42.6 A. 1.00.0		717.			
				•					

SUPUIT IN TRIPLICATE. Form approved.

(May 1963)				( r Instruct	· · · on	Budget Bureau	No. 42-R1425.
		ED STATES		teache ei		. 30 oz.	1 0
	DEPARTMEN			UK		5. LEASE DESIGNATION	AND SERIAL NO.
		GICAL SURVE				NM-020491	
APPLICATION	ON FOR PERMIT	ro drill, d	EEPE	N, OR PLUG B.	ACK	6. IF INDIAN, ALLOTTEE	OR TEIBE NAME
1a. TYPE OF WORK	אטוו דע	DEEPEN [	٦	PLUG BAC	v 🗆 🖯	7. UNIT AGREEMENT N	AME
b. TYPE OF WELL	DRILL LA	DEEPEN L		PLUG BAC	<u> </u>		
OIL K	GAS OTHER		EING	ZONE ZONE	* 🗆	S. FARM OR LEASE NAM	l E
2. NAME OF OPERATOR						CITGO-Federa	1
Exxon Co	rporation					9. WELL NO.	
3. ADDRESS OF OPERAT					-	1 10. FIELD AND POOL, O	- Triviage
	, Midland, Texas (Report location clearly and		h any Sta	te requirements •)		-	E WILDCAT
At surface	0' FSL & 990' FW		,	ite requirements, )	-	Wildcat °	JLK.
At proposed prod.		•			.	AND BURYEY OR AR	EA
At proposed prou.	Same				- 1	Sec. 3, T-17	-S, R-36-E
14. DISTANCE IN MILI	S AND DIRECTION FROM NE	REST TOWN OR POST	OFFICE.			12. COUNTY OR PARISH	
	South of Lovingt	on, New Mexi			<u>l</u>	Lea	New Mexico
15. DISTANCE FROM PH LOCATION TO NEAR	REST	330'	16. No.	OF ACRES IN LEASE	17. NO. OF	A CRES ASSIGNED	
	drig. unit line, if any)	330'	4			_40	
<ol> <li>DISTANCE FROM I- TO NEAREST WELF</li> </ol>	. DRILLING, COMPLETED,		19. PROI	OSED DEITH	20. BOTAR	Y CR CABLE TOOLS	
OR APPLIED FOR, ON	whether DF, RT, GR, etc.)	467'	13,	000	<u> </u>	Rotary 22. APPROX. DATE WO	DE WILL BYARTS
will be 23.	filed later.	PROPOSED CYSIN	IC AND	CEMENTING PROGRA	16	2-15-74	
		-,			.m		
SIZE OF HOLE	BIZE OF CASING	WEIGHT PER PO		SETTING DEPTH		QUANTITY OF CEME)	iT
15"	11-3/4"	47# K-5		400'	**	180 sx	
10-5/8" 7-7/8"	8-5/8"	32# K-55		5,300'		430 sx .600 sx	
/-//0	5-1/2"	17, 20 & 23	" (4)	13,000'	^^^ 1	,000 SX	
(1) N	-80 new and used	. Casing p	rogram	may have to h	e revi	sed if we are	unable
	o get the size a		-	_			
	et surface casin	-					
	Cement back to ap	_		_	the San	Andres format	cion.
***	ement back to ap	broximately	4,500	) · •			
MUD PROS	RAM	0 - 400'	Sr	oud Mud			
		0 - 13,000	-	ine Water			
		·					
See "Dev	relopment Plan fo	r Surface U	se", '	Blowout Preve	nter Eq	uipment" and '	'Rig
Layout"	attached. The m	aximum expe	cted p	ressure is 57	00# at	13,000'.	
	RIBE PROPUSED PROGRAM: If to drill or deepen direction						
preventer program, if 24.	апу.						
21.	1 2 Clean	<b>.</b>					
дамада	D.J. Clember	TIT	rr <b>e</b>	Proration Spe	cialist	DATE	16-74
(This space for l	rederal or State office use)						
PERMIT NO.			1	APPROVAL DATE		Ì	
TEACHT NO.			′		m	mh	
APPROVED BY		rr	TLE		177	2140An	
CONDITIONS OF API	PROVAL, IF ANY :				1.7	UTI	

Erzon Lse No.	
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NEW MENIOD OIL CONSERVATION CO. USSION

State Lee. No. \_\_\_\_\_\_ WELL L .TION AND ACREAGE DEDICATION PL

Form C-102 Supersedes (-178 Effective 1-1-to

		 	N	J N	1 -	020	491	

EXXON COF	RPORATION Township	Leose CITGO		Well No.
M 3	Township	1 01100	- Federal	1
Actual Footage Location of We	17-8	Range 36-E	County	
990 feet from	Couth	ne and 990	feet from the West	line
	oducing Formation	P∞I		Dedicated Acreage:
		21A14 Wilder		40 Acres
1. Outline the acreas	ge dedicated to the subj	ect well by colored per	acil or hachure marks on	the plat below.
interest and royalt  3. If more than one le	y). NOTE: If wel will be co	l is completed of mmunitized and tip is dedicated to the v	as a gas well a I dedicated.	thereof (both as to working dditional acreage of all owners been consoli-
Yes No	If answer is "yes,"	type of consolidation _		•
this form if necess	ary.)			idated. (Use reverse side of
No allowable will language of conced-pooling, or consion.	he assigned to the well unotherwise) or until a non-s	ntil al! interests have b tundard unit, eliminatin	een consolidated (hy congress) as be	onmunitization, unitization, en approved by the Commis-
	,	B	\ /	CERTIFICATION  by certify that the information con-
			X 11	f my knowledge and belief.
			\ /	Prorotion Specialist
		$\times$	Company Box 1600 Date	·
<del>\</del>				1 //- //
			s hown notes under	by certify that the well location on this plat was platted from field of actual surveys made by me or my supervision, and that the same e and correct to the best of my
990'	770'		\ \ \ \	edge and belief.
	330'		Date Sur Register	veyed I - 10 - 174 ed Professional Engineer
,08	/ \	/ \	/ \ md/ort	and Surveyor
,086			21	& Meetingeld

#### \_\_OWOUT PREVENTER SPECIFICATION EQUIPMENT DESCRIPTION

#### TYPE II-C

All equipment should be at least 2000 psi WP or higher unless otherwise specified.

- 1. Bell nipple.
- 2. Hydril or Shaffer bag type preventer.
- 3. Ram type pressure operated blowout preventer with blind rams.
- 4. Flanged spool with one 4-inch and one 2-inch (minimum) outlet.
- 5. 2-inch (minimum) flanged plug or gate valve.
- 6. 2-inch by 2-inch by 2-inch (minimum) flanged tee.
- 7. 4-inch pressure operated gate valve.
- 8. 4-inch flanged gate or plug valve.
- 9. Ram type pressure operated blowout preventer with pipe rams.
- 10. Flanged type casing head with one side outlet (furnished by Exxon).
- 11. 2-inch threaded (or flanged) plug or gate valve (furnished by Exxon). Flanged on 5000# WP, threaded on 3000# WP or less.
- 12. Needle valve (furnished by Exxon).
- 13. 2-inch nipple (furnished by Exxon).

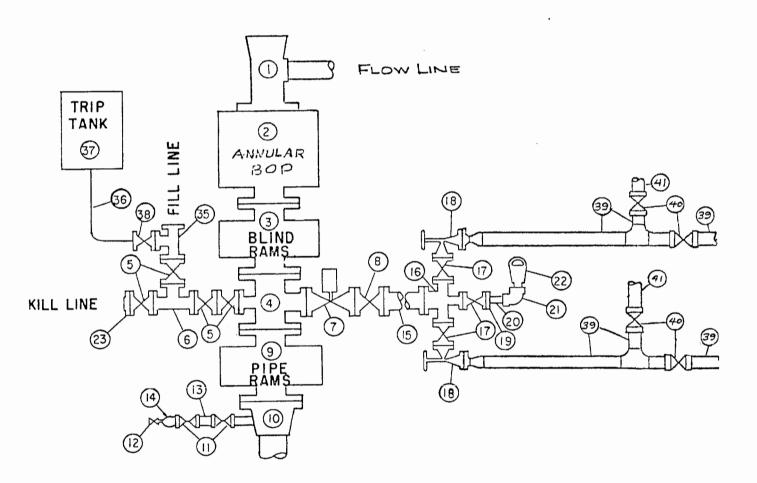
- 14. Tapped bull plug (furnished by Exxon).
  15. 4-inch flanged spacer spool.
  16. 4-inch by 2-inch by 2-inch by 2-inch flanged cross.
- 17. 2-inch flanged plug or gate valve.
- 18. 2-inch flanged adjustable choke.
- 19. 2-inch threaded flange.
- 20. 2-inch XXH nipple.
- 21. 2-inch forged steel 90° Ell.
- 22. Cameron (or equal.) threaded pressure gage.
- 23. Threaded flange.
- 35. 2-inch flanged tee.
- 36. 3-inch (minimum) hose. (Furnished by Exxon).
- 37. Trip tank. (Furnished by Exxon).

- 38. 2-inch flanged plug or gate valve.
  39. 2-1/2-inch pipe, 300' to pit, anchored.
  40. 2-1/2-inch SE valve.
  41. 2-1/2-inch line to steel pit or separator.

#### NOTES:

- 1. Items 3, 4 and 9 may be replaced with double ram type preventer with side outlets between the rams.
- 2. The two valves next to the stack on the fill and kill line to be closed unless drill string is being pulled.
- 3. Kill line is for emergency use only. This connection shall not be used for filling.
- 4. Replacement pipe rams and blind rams shall be on location at all times.
- 5. Only type U, LWS and QRC ram type preventers with secondary seals are acceptable for 5000 psi WP and higher BOP stacks.
- 6. Type E ram-type BOP's with factory modified side outlets may be used on 3000 psi or lower WP BOP stacks.

## MIDLAND DRILLING ORGANIZATION BLOWOUT PREVENTER SPECIFICATION TYPE II - C



#### BLOWOUT PREVENTER SPECIFICATION EQUIPMENT DESCRIPTION

#### TYPE II-B

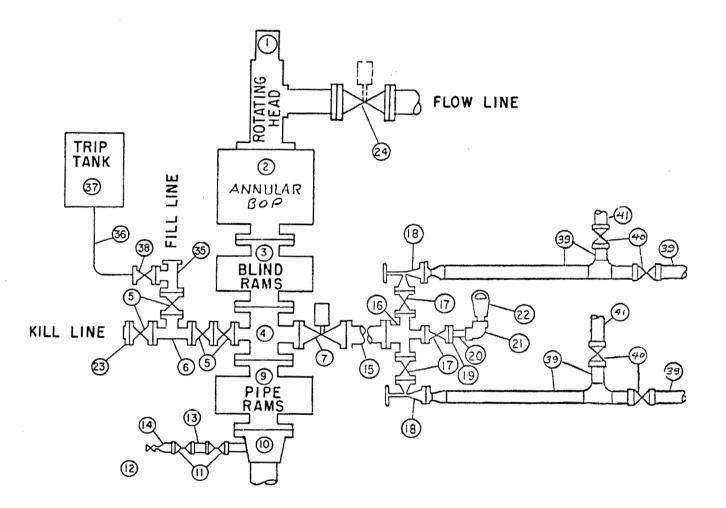
- 1. Rotating BOP.
- 2. Hydril or Shaffer bag type preventer.
- 3. Ram type pressure operated blowout preventer with blind rams.
- 4. Flanged spool with one 4-inch and one 2-inch (minimum) outlet.
- 5. 2-inch (minimum) flanged plug or gate valve.6. 2-inch by 2-inch by 2-inch (minimum) flanged tee.
- 7. 4-inch pressure operated gate valve.
- 8. 4-inch flanged gate or plug valve.
- 9. Ram type pressure operated blowout preventer with pipe rams.
- 10. Flanged type casing head with one side outlet (furnished by Exxon).
- 11. 2-inch threaded (or flanged) plug or gate valve (furnished by Exxon). Flanged on 5000# WP, threaded on 3000# WP or less.
- 12. Needle valve (furnished by Exxon).
- 13. 2-inch nipple (furnished by Exxon).
- 14. Tapped bull plug (furnished by Exxon).
- 15. 4-inch flanged spacer spool.
- 16. 4-inch by 2-inch by 2-inch by 2-inch flanged cross.
- 17. 2-inch flanged plug or gate valve.
- 18. 2-inch flanged adjustable choke.
- 19. 2-inch threaded flange.
- 20. 2-inch XXH nipple.
- 21. 2-inch forged steel 90° Ell.
- 22. Cameron (or equal.) threaded pressure gage.
- 23. Threaded flange.
- 24. 6-inch manual or pressure operated gate valve.
- 35. 2-inch flanged tee.
- 36. 3-inch (minimum) hose. (Furnished by Exxon).
- 37. Trip tank. (Furnished by Exxon).
- 38. 2-inch flanged plug or gate valve.
- 39. 2-1/2-inch pipe, 300' to pit, anchored.40. 2-1/2-inch SE valve.
- 41. 2-1/2-inch line to steel pit or separator.

#### NOTES:

- Items 3, 4 and 9 may be replaced with double ram type preventer with side outlets between the rams.
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- Type E ram-type BOP's with factory modified side outlets may be used on 3000 psi and lower WP BOP stacks.

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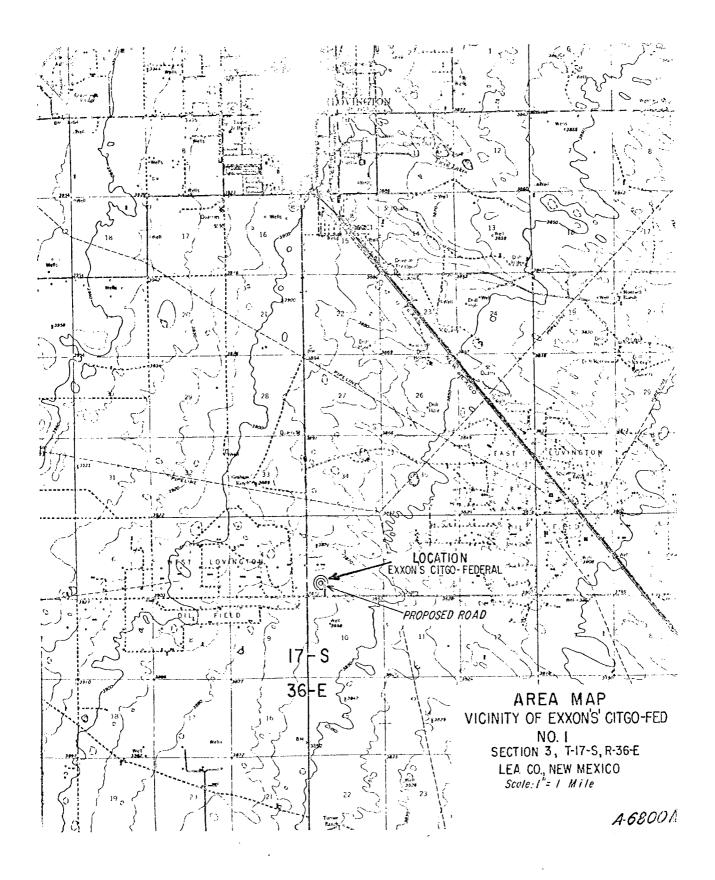
## MIDLAND DRILLING ORGANIZATION BLOWOUT PREVENTER SPECIFICATION TYPE II - B

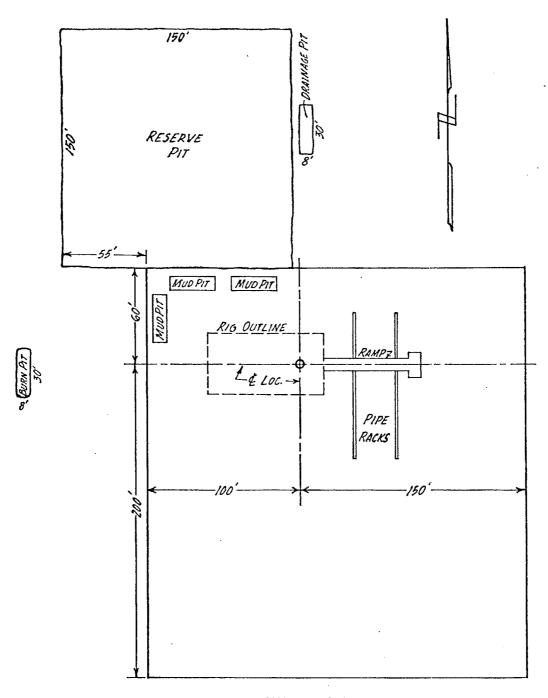


### DEVELOPMENT PLAN FOR SURFACE USE ON CITGO-FEDERAL WELL NO. 1

Attached is a segment of a map in Lea County, New Mexico showing the location of the proposed Wildcat well. Also attached are the following listed items as requested by the USGS.

- 1. Existing roads. (See area map)
- Planned access to the location. (See area map approx. 300' of 12' wide compacted road.)
- 3. Offsetting Pool wells. (None-injection well approx. 467' Southwest.)
- Lateral roads to other wells.
- 5. Location of tank battery and flow line will be furnished at a later date.
- 6. Water will be either hauled or pipelined in from an off lease source.
- 7. The drilling contractor will be required to comply with OSHA requirements.
- 8. No camps are involved.
- 9. No airstrips are involved.
- 10. A sketch of the location layout is attached showing the position of the rig, pipe rack and reserve pit, as well as the size of the location.
- 11. The location will be restored to the satisfaction of the Bureau of Land Management.
- 12. This area consists of level range land on which the mescuite trees have been killed out by aerial spraying. The drilling of this well will not adversely affect the environment.
- 13. API Series 900 Blowout Prevention Equipment will be used with 2000 psi and 5000 psi working pressure, tested according to industry standards. (See Equip. Disc. Attached.)



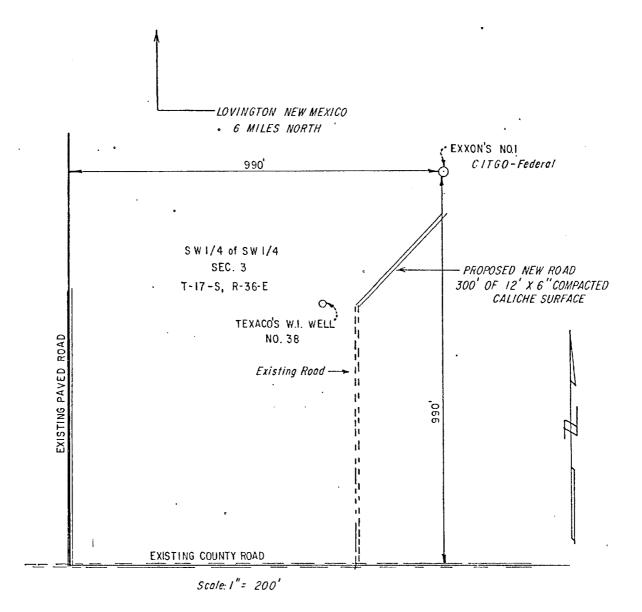


EXXON CORPORATION

CITGO-FEDERAL WELL NO. I

RIG LAYOUT

SCALE: 1 = 50'



PLAT OF PROPOSED ROAD
TO SERVE EXXON'S CITGO-FEDERAL
SECTION 3, T-17-S, R-36-E
LEA CO., NEW MEX.

#### **TEXLAND PETROLEUM, L.P.**

EXPLORATION AND PRODUCTION 777 MAIN STREET, SUITE 3200 FORT WORTH, TEXAS 76102

(817) 336-2751

July 2, 2013

State of New Mexico Oil Conservation Commission Attn: Phillip Goetze 1220 South St. Frances Drive Santa Fe, New Mexico 87505

Re: Texland 3 State #1 Sec. 3, T17S, R36E API #30-025-37930 Lea County, New Mexico

Dear Mr. Goetze,

Please find enclosed two copies of an Application for Authorization to Inject C-108 and attachments.

If you have any questions or need further information, please do not hesitate to contact me.

Sincerely,

Vickie Smith

Regulatory Analyst

575-397-7450

Dakie Smith

	C-108 Revi	ew Checklist	07/ 1: Baseling /12/ Add Bo	quest:	Reply Date:	Suspended:	
C-108 Review Checklist: Received							
Well No Well Name(s):							
	API : 30-0 25 - 37930 Spud Date: 06/12/06 New/Old: New/Ol						
	Footages 990 FSL 2310 FEL Lot - Unit O Sec 3 Tsp 175 Rge 36E County Lea Firmer Diskard + Louveston Diskard						1490
	General Location: South of Lovington Pool: Swid Abo Reet Pool No.: Una Son Am						
	Operator: Textand Petroleum - Hobbs, LLC OGRID: 113315 Contact: Video Smith						
	COMPLIANCE RULE 5.9: Inactive Wells: Total Wells: 52 Fincl Assur: Yes Compl. Order? No IS 5.9 OK? Yes						
	Well File Reviewed: 165 Current Status: P4A - Perfed for San Andres - to be squeeze  Planned Rehab Work to Well: Re-enter/drill to New ID - install new 412 liner / cmt - Perf  Well Diagrams: Proposed Before Conversion 165 After Conversion 165 Are Flogs in Imaging?: Yes						
	Well Diagrams: Proposed Before Conversion \( \frac{165}{4} \) After Conversion \( \frac{165}{4} \) Are Elogs in Imaging?: \( \frac{165}{4} \)						
Ī		Sizes (in)	Setting	Stage	Cement	Cement Top and	7
	Well Construction Details:  Planned _or Existing _Cond	Borehole / Pipe	Depths (ft)	Tool	(Sx) Cf	Determination Method	┨
	Planned _or Existing _Surface	104.1	0 12 8226		875	0:10:5	-
	Planned_or Existing / Interm	12/4/	0 to 2026			Cir to surf	-
٦	Open hole Planned_or Existing Lengs	77/8/	545160450		1750	Cir to sunt	1
dup	Planned or Existing Liner	776 5451 6845	545168450	L	005	[Calculated?]	BL
KY,	Planned or Existing OH PERF	43148456610	1412 4500 to 87/	o	895		7
Ų	Planned or Existing Of PERI	Liner	Injection or Confining		oid Complet Drilled TD <u>845</u> 0	ion/Ops Details: Now TD 6710/	(سط
ļ	Injection Strat Column:	Depths (ft)	Formations	Tops?		P /P	B TD
- 1	Confining Unit: Litho. Struc. Por.  Confining Unit: Litho. Struc. Por.	674.	taditick jubb	7796	Open Hole Tubing Size 2 3/8		65
ŀ	Proposed Interval TOP:	8526	Drinkard Abo	7866	Proposed Packer De	- ,	
	Proposed Interval BOTTOM:	8536 8636	30me gz	8540		8436 (100-ft limit)	
ŀ	Confining Unit: (itho) Struc. Por.	<u> </u>			Proposed Max. Surfa	1 2 2 2 2	
Ì	Confining Unit: Litho. Struc. Por.		Woifcamp		Calc. Inj. Press	(0.2 psi per ft)	}
	POTASH: R-111-P Noticed? No BLM Sec Ord No WIPP Noticed? No SALADO: T: B: CLIFF HOUSE AND Fresh Water: Max Depth: 186′ FW Formation Ordinal Wells? Analysis? Les Hydrologic Affirm Statement 165  Disposal Fluid: Formation Source(s) ABO formation wells On Lease Only from Operator or Commercial Disposal Interval: Injection Rate (AVE/MAX): 2500 bill/1300 B						
l							
- 1							
	Penetrating Wells: No. Active Wells / Num Repairs? on which well(s)?						
	Penetrating Wells: No. P&A Wells 3 Num Repairs? on which well(s)?						
Ī	NOTICE: Newspaper Date 06/67/13 Mineral Owner SLO Surface Owner reatherstone N. Date 12.						
	RULE 26.7(A): Identified Tracts? 10 Affected Persons: Votes/Conoco Printips/ Prospector N. Date June 12/20						
	Permit Conditions: CBL - for liner interval to confirm coment up to top						
_	Issues: Of 412	· Casing .	SWD Chacklist V7	vle	<u> </u>	•	

#### Goetze, Phillip, EMNRD

From: Greg Mendenhall <gmendenhall@texpetro.com>

**Sent:** Friday, August 16, 2013 2:16 PM

**To:** Goetze, Phillip, EMNRD

Cc: Vickie Smith

**Subject:** Request for Corrections to C-108 Application

#### Mr. Goetze,

Vickie Smith forwarded your request for information on the type of coupling used for the 4-1/2" liner. Texland is planning on running either an Ultra FJ connection or an FJM connection. Both connections are equivalent designs from different pipe manufacturers. These connections are flush with the pipe OD, have a metal to metal seal, and have the highest tensile efficiency (65%) of any true flush-joint casing connection. It also has a compression efficiency equal to or greater than its tensile efficiency. The pressure rating on the liner with this connection exceeds API minimum internal yield and collapse pressure. Also, this connection will provide adequate clearance between the 4-1/2" liner and the existing 5-1/2" casing for cementing. Texland has used this combination multiple times in the past with success. Thanks,

Greg Mendenhall VP – Operations Texland Petroleum Hobbs (817) 336-2751

From: Goetze, Phillip, EMNRD [mailto:Phillip.Goetze@state.nm.us]

Sent: Friday, August 16, 2013 12:17 PM

To: Vickie Smith

Subject: RE: Request for Corrections to C-108 Application

Very good. That will do it. And if you can get a response on the 4 ½ -in liner (type of couple)that to be installed at the inject interval, that will be all I need. Thanks. PRG

Phillip R. Goetze, P.G.

Engineering Bureau, Oil Conservation Division 1220 South St. Francis Dr., Santa Fe, NM 87505 O: 505.476.3466 F: 505.476.3462