

P. O. Box 11005

SWA  
STEVENS & TULL, INC.  
MIDLAND, TEXAS 79702

631  
915/699-1410  
APR 30 1996

April 30, 1996

Oil Conservation Division  
2040 Pacheco St.  
Santa Fe, New Mexico 87505

Re: Application for Authorization  
to Inject  
BF State #2  
1980' FS & WL Section 16,  
T-20-S, R-33-E, N.M.P.M.,  
Lea County, New Mexico  
Salt Lake Prospect

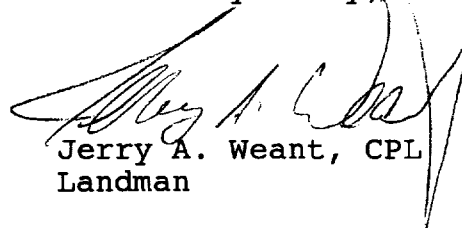
Gentlemen:

Please find enclosed for your and review Stevens & Tull, Inc.'s Application for Authorization to Inject covering the captioned well. As required, we have notified the offset leasehold owners of this application.

We propose to inject up to 800 bbls. of produced water per day from the Yates formation back into the Yates formation, which is a known productive hydrocarbon formation. The proposed system will be a closed system. Our injection pressures will range from 300 to 800 psi. As required, we have enclosed copies of paperwork on all wells located within 1/2 mile of the subject well. Additionally, we have enclosed a plat reflecting the leasehold ownership of the offset leases.

We have also enclosed for your review two (2) Exceptions to Order No. R-3221, being Case No. 4021, Order No. R-3682 and Case No. 4022, Order No. 3683, which thoroughly discuss the lack of fresh water zones in this area. The pits that were granted by these orders directly offset the proposed injection well. The surface is owned by the State of New Mexico. We request that you give this matter your prompt attention. Should you have questions about this matter, please contact our office.

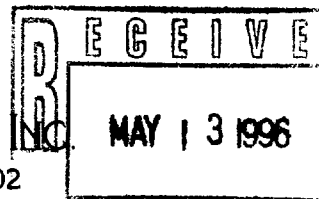
Yours very truly,

  
Jerry A. Weant, CPL  
Landman

f:\lt\bfsta#2.inj

P. O. Box 11005

STEVENS & TULL, INC.  
MIDLAND, TEXAS 79702



915/699-1410

CONSERVATION DIVISION

April 30, 1996

Phillips Petroleum Company  
4001 Penbrook  
Odessa, Texas 79762

Re: Application for Authorization  
to Inject  
BF State #2  
1980' FS & WL Section 16,  
T-20-S, R-33-E, N.M.P.M.,  
Lea County, New Mexico  
Salt Lake Prospect

Gentlemen:

Please find enclosed for your review a copy of our Application for Authorization to Inject in the captioned well. We request that you execute this letter signifying your waiver to any objection for the conversion of said well.

Please route an executed copy of this letter to the New Mexico Oil Conservation Division at 2040 Pacheco Street, Santa Fe, New Mexico. Thank you for your cooperation in this matter.

Yours very truly,

Jerry A. Weant, CPL  
Landman

We hereby waive any objection to Stevens & Tull, Inc.'s Application for Authorization to Inject into the BF State #2 Well at the captioned location.

Phillips Petroleum Company

By: *L. M. Sanders*  
Title: Sr. Regulation Analyst  
Print Name: L. M. Sanders  
Date: 5/07/96

f:\lt\inject.bf2

63010100

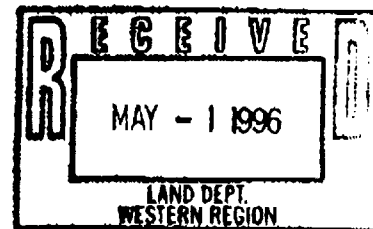
## STEVENS &amp; TULL, INC.

P. O. Box 11005

MIDLAND, TEXAS 79702

915/699-1410

April 30, 1996



OXY USA Inc.  
P.O. Box 50250  
Midland, Texas 79710

Attn: T. Kent Woolley, CPL

RECEIVED MAY 22 1996


Re: Application for Authorization  
to Inject  
BF State #2  
1980' FS & WL Section 16,  
T-20-S, R-33-E, N.M.P.M.,  
Lea County, New Mexico  
Salt Lake Prospect

Gentlemen:

Please find enclosed for your review a copy of our Application for Authorization to Inject in the captioned well. We request that you execute this letter signifying your waiver to any objection for the conversion of said well.


Please route an executed copy of this letter to the New Mexico Oil Conservation Division at 2040 Pacheco Street, Santa Fe, New Mexico. Thank you for your cooperation in this matter.

Yours very truly,

  
Jerry A. Weant, CPL  
Landman

We hereby waive any objection to Stevens & Tull, Inc.'s Application for Authorization to Inject into the BF State #2 Well at the captioned location.

OXY USA Inc.

By:   
Title: T. Kent Woolley  
Print Name: T. Kent Woolley  
Date: 5/15/96

Post-It™ brand fax transmittal memo 7671		# of pages	1
To	Rand Carroll	From	Jerry Weant
Co.	Oil Conservation Div	Co.	Stevens & Tull, Inc.
Dept.		Phone #	915/699-4916
Fax #	505-827-8177	Fax #	915/699-1113

f:\lt\inject.bf2

## STEVENS &amp; TULL, INC.

P. O. Box 11005

MIDLAND, TEXAS 79702

915/699-1410

FAX # 915/699-1113

FAX TRANSMITTAL MEMOTO: Oil Conservation Division  
Mr. Rend CarrollFROM: Jerry Weant

MESSAGE: As per our April 30, 1996 letter regarding our Application  
for Authorization to Inject into our BF State #2 Well, please  
find attached a copy of the Affidavit of Publication from the  
Hobbs Daily News-Sun. This meets the requirement for Proof  
of Notice as specified under Provision XIV. of our application.  
If we can be of further assistance, please contact our  
office.

NUMBER OF PAGES INCLUDING FAX TRANSMITTAL MEMO:

2

## AFFIDAVIT OF PUBLICATION

State of New Mexico,  
County of Lea

I. Kalhi Bearden

Publisher

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

of \_\_\_\_\_

1

weeks.

Beginning with the issue dated

May 1

, 1996

and ending with the issue dated

May 1

, 1996

Kalhi Bearden

Publisher

Sworn and subscribed to before

me this 6th day of

May, 1996

Sandra Cozlett

Notary Public.

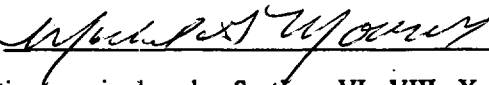
My Commission expires  
March 24, 1998 Aug 29, 1999  
(Seal)

79702, has submitted an Application for Authorization to Inject to the New Mexico Oil Conservation Commission for the BF State #2 well, located 1800' FS & WL of Section 16, T. 20-S, R. 33-E, N.M.P.M. Lea County, New Mexico. We propose to inject up to 800 bbls. of produced water from the Yates formation back into the Yates formation, located at an approximate depth of 3084' to 3216'. The injection pressures shall range from 300 to 800 psi. Any party desiring to file an objection or request a hearing must contact the New Mexico Oil Conservation Division in writing at 2040 Piedras Street, Santa Fe, New Mexico within 15 days of this notice. For any additional information, you may contact Jerry A. Weant at 915/499-4918.

LEGAL NOTICE  
May 1, 1996  
NOTICE  
Stevens & Tull, Inc., P.O.  
Box 11005, Midland, Texas 79702

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

**APPLICATION FOR AUTHORIZATION TO INJECT**

- I. PURPOSE: Secondary Recovery ☒ Pressure Maintenance ☐ Disposal ☐ Storage  
Application qualifies for administrative approval? ☒ Yes ☐ No
- II. OPERATOR: Stevens & Tull, Inc.  
ADDRESS: P.O. Box 11005, Midland, TX 79702  
CONTACT PARTY: Michael G. Mooney PHONE: 915/699-1410
- III. WELL DATA: Complete the data required on the reverse side of this form for each well processed for injection. Additional sheets may be attached if necessary.
- IV. Is this an expansion of an existing project: ☐ Yes ☒ No  
If yes, give the Division order number authorizing the project \_\_\_\_\_
- V. Attach a map that identifies all wells and leases within two miles of any proposed injection well with a one-half mile radius circle drawn around each proposed injection well. This circle identifies the well's area of review.
- VI. Attach a tabulation of data on all wells of public record within the area of review which penetrate the proposed injection zone. Such data shall include a description of each well's type, construction, date drilled, location, depth, record of completion, and a schematic of any plugged well illustrating all plugging detail.
- VII. Attach data on the proposed operation, including:
1. Proposed average and maximum daily rate and volume of fluids to be injected;
  2. Whether the system is open or closed;
  3. Proposed average and maximum injection pressure;
  4. Sources and an appropriate analysis of injection fluid and compatibility with the receiving formation if other than reinjected produced water; and
  5. If injection is for disposal purposes into a zone not productive of oil or gas at or within one mile of the proposed well, attach a chemical analysis of the disposal zone formation water (may be measured or inferred from existing literature, studies, nearby wells, etc.).
- \*VIII. Attach appropriate geological data on the injection zone including appropriate lithologic detail, geological 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 source 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: Michael G. Mooney TITLE: Engineer  
SIGNATURE:  DATE: 4/15/96
- \* 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 circumstance 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 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, PO Box 2088, Santa Fe, NM 87504-2088 within 15 days.

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

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**NOTICE:** Surface owners or offset operators must file any objections or requests for hearing of administrative applications within 15 days from the date this application was mailed to them.

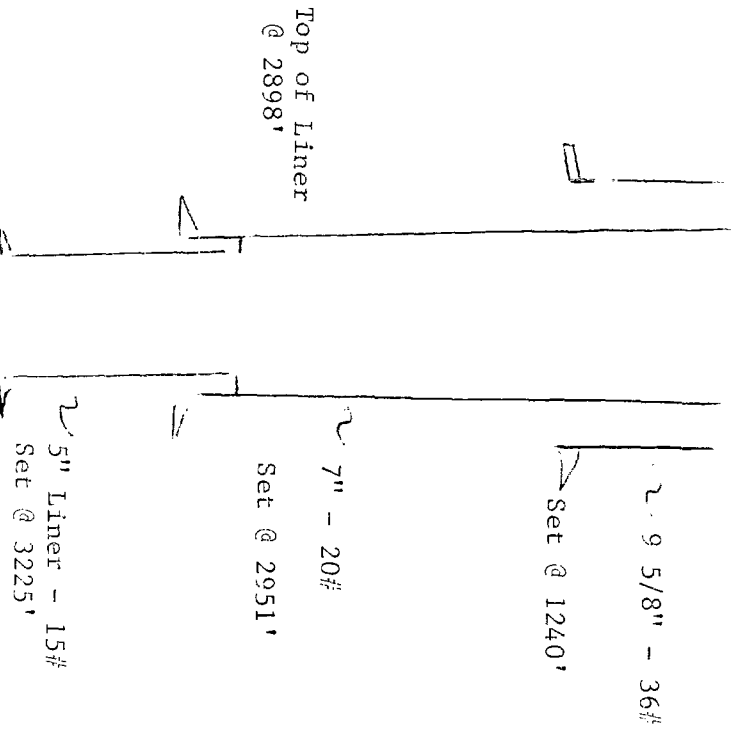
# INJECTION WELL DATA SHEET

OPERATOR Stevens & Tull, Inc. LEASE State BP

WELL NO. 2 1980' FSL & FWL SECTION 16 TOWNSHIP 20 S RANGE 33 E

FOOTAGE LOCATION

## Schematic



## Well Construction Data

### Surface Casing

Size 9 5/8 Cemented with 600 sx.

TOC Surface feet determined by Circulated

Hole Size 12 1/4"

### Intermediate Casing

Size 7 Cemented with 750 sx.

TOC surface feet determined by circulated

Hole Size 8 3/4"

### Long String (Liner)

Size 5 Cemented with 50 sx.

TOC 2898' feet determined by top of liner

Hole Size 6 1/4"

Total Depth 3232' PRTD @ 3215'

### Injection Interval

3094 feet to 3209 feet Perforated  
(perforated or open-hole; indicate which)



<b>Tubing Size</b>	<u>2 3/8"</u>	<b>lined with</b>	<u>cement</u>	<b>set in a</b>
			(type of internal coating)	
Baker Model A-1 Tension		<b>packer at</b>	<u>2900</u>	<b>feet</b>

Other type of tubing / casing seal if applicable	None

### Other Data

1. Is this a new well drilled for Injection? \_\_\_\_\_ Yes ☒ No ☐  
If no, for what purpose was the well originally drilled? Yates - Seven Rivers
2. Name of the Injection formation \_\_\_\_\_ Yates  
Producer - No Longer Commercial
3. Name of Field or Pool (If applicable) \_\_\_\_\_ West Teas Y - SR
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. Seven Rivers  
(3222' - 3232') - CIBP @ 3215' w/2 sx cement on top
5. Give the names and depths of any over or underlying oil or gas zones (pools) in this area.  
Morrow Gas @ + 10,000'



B-1482  
STATE #2 OFFSET LEASEHOLD OWNERSHIP  
Page: 1

STEVENS & TULL, INC. STATE LEASE NO. "S  
E-3441, V-2021, V-2022, B-1482 and NM  
NM 94852

OXV USA Inc. State B-1482

Phillips Petroleum NM 13280

Shackelford Oil Co. State E-3441

Mitchell Energy NM 67499 & NM 57280

Lea County, New Mexico

Yates Pet, et al  
9.1.93  
77054  
5200

Permian Basin, Inc.  
2.1.92  
V. 2187  
1507

Rich E. Bass  
E-5231  
HBP

C.W. Trainer  
12.1.93  
V-2770  
17700

Flag-Redfern  
10/13/93  
10/13/93  
C.I. 31-76

State  
Kenneth Smith (S)

C.W. Trainer  
9.1.93  
77055  
13000

A.R. Co.  
H.B.P.  
B.156  
JFG Ent.  
LG-3730  
HBC) s/z  
W.A. 11/66  
V-2592  
122000

Rich. & Bass  
H.B.P.  
10.1.93  
77074  
6500

McGrath  
Pet. & Co.  
6.1.93  
55961  
TXO, et al  
(Storke)

Grover-McKinney  
Barber Oil  
57280

Grover-McKinney  
Barber Oil  
57280

Grover-McKinney  
Barber Oil  
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Grover-McKinney  
Barber Oil  
57280

Kelly Bell  
Loggins Tonto  
TO 3435  
DIA 12 22 '2

Choe. E. & Mark Smith, S  
U.S. MI  
E. 30020  
50782  
KOS

McGrath  
E. Smith  
Fed. Trigg  
TO 3436

McGrath  
E. Smith  
Fed. Trigg  
TO 3436

McGrath  
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Fed. Trigg  
TO 3436



25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100																								
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200



BF STATE #2 INJECTION REQUEST  
WELLBORE SUMMARY

	<u>WELL NAME</u>	<u>UNIT</u>	<u>SECTION</u>	<u>STATUS</u>
1.	STATE BF #4	A	16-20S-33E	T/A
2.	LEA 886 STATE #2	B	16-20S-33E	P&A
3.	ATLANTIC STATE #1	C	16-20S-33E	P&A
4.	STATE LEA 6019 #2	D	16-20S-33E	P&A
5.	CONOCO STATE #1	D	16-20S-33E	LOCATION
6.	JACKSON STATE #1	E	16-20S-33E	P&A
7.	ARCO STATE #1	E	16-20S-33E	P&A
8.	ARCO 886 #1	F	16-20S-33E	PRODUCING
9.	ANASAZI 16 STATE #1	G	16-20S-33E	T/A
10.	STATE BF #1	G	16-20S-33E	PRODUCING
11.	SNYDER-STATE #1	H	16-20S-33E	P&A
12.	SNYDER #1	J	16-20S-33E	P&A
13.	BF STATE #3	L	16-20S-33E	PRODUCING
14.	SNYDER #2	M	16-20S-33E	P&A
15.	SINCLAIR OIL & GAS #1	H	17-20S-33E	P&A

F:\EX\BFSTA#2.INJ

Submit to Appropriate  
District Office  
State Lease - 6 copies  
Fee Lease - 5 copies  
DISTRICT I  
P.O. Box 1980, Hobbs, NM 88240

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-105  
Revised 1-1-89

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

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

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

WELL API NO. 30-025-33-144-33144
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. 15594

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

1a. Type of Well: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> OTHER <input type="checkbox"/>	7. Lease Name or Unit Agreement Name STATE BF
b. Type of Completion: NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF RESVR <input type="checkbox"/> OTHER <input type="checkbox"/>	
2. Name of Operator Stevens & Tull, Inc	8. Well No. 4
3. Address of Operator P. O. Box 11005, Midland, Texas 79702	9. Pool name or Wildcat West Teas Y-SR

4. Well Location  
Unit Letter A: 330 Feet From The North Line and 330 Feet From The East Line  
Section 16 Township 20S Range 33E NMPM Lea County

10. Date Spudded 11/17/95	11. Date T.D. Reached 11/25/95	12. Date Compl. (Ready to Prod.) 12/17/95	13. Elevations (DF & RKB, RT, GR, etc.) 3552 GR	14. Elev. Casinghead 3552
15. Total Depth 3470	16. Plug Back T.D. 3365	17. If Multiple Compl. How Many Zones?	18. Intervals Drilled By Rotary Tools <input checked="" type="checkbox"/> Cable Tools <input type="checkbox"/>	
19. Producing Interval(s), of this completion - Top, Bottom, Name 3160-3294' Yates				20. Was Directional Survey Made Yes
21. Type Electric and Other Logs Run Dual LateroLog and Litho Density				22. Was Well Cored No

23. **CASING RECORD (Report all strings set in well)**

CASING SIZE	WEIGHT LB/FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9 5/8	36	1115	12 1/4	440 SX "C"	
5 1/2	17	3465	7 7/8	635 SX "C"	

24. <b>LINER RECORD</b>					25. <b>TUBING RECORD</b>		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2 3/8	3180	None

26. Perforation record (interval, size, and number) 3160' - 3294' 23 Holes 0.385	27. <b>ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.</b>	
	DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
	3160'-3294'	Acidize w/ 1500 gals 156 NEHE Frac w/ 98,000 # 16/30 Sand + 33,000 gals gel

28. **PRODUCTION**

Date First Production 12/17/95	Production Method (Flowing, gas lift, pumping - Size and type pump) Pumping - 2 X 1 1/2 X 16' RWBC				Well Status (Prod. or Shut-in) Prod.		
Date of Test 12/16/95	Hours Tested 24	Choke Size	Prod'n For Test Period	Oil - Bbl. 6	Gas - MCF 6	Water - Bbl. 50	Gas - Oil Ratio 1000
Flow Tubing Press. N/A	Casing Pressure 30	Calculated 24-Hour Rate	Oil - Bbl. 6	Gas - MCF 6	Water - Bbl. 50	Oil Gravity - API - (Corr.) 30.4	

29. Disposition of Gas (Sold, used for fuel, vented, etc.) Vented	Test Witnessed By Roy Peugh
--	--------------------------------

30. List Attachments  
Electric Logs, Deviation Survey

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

Signature Michael G. Mooney Printed Name Michael G. Mooney Title Consulting Engineer Date 12/20/95

## INSTRUCTIONS

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

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

## Southeastern New Mexico

## Northwestern New Mexico

T. Anhy _____	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt _____	T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Salt _____	T. Atoka _____	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates <u>3160</u>	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers <u>3424</u>	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____	T. Simpson _____	T. Gallup _____	T. Ignacio Otzte _____
T. Glorieta _____	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinebry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____	T. Delaware Sand _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Bone Springs _____	T. Entrada _____	T. _____
T. Abo _____	T. _____	T. Wingate _____	T. _____
T. Wolfcamp _____	T. _____	T. Chinle _____	T. _____
T. Penn _____	T. _____	T. Permain _____	T. _____
T. Cisco (Bough C) _____	T. _____	T. Penn "A" _____	T. _____

## OIL OR GAS SANDS OR ZONES

No. 1, from 3160 to 3294 No. 3, from to  
No. 2, from to No. 4, from to

## IMPORTANT WATER SANDS

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

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

## LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness in Feet	Lithology	From	To	Thickness in Feet	Lithology
3160	3294	134	Sand				
3424	3470	66	Dolomite				



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OPERATOR		

## NEW MEXICO OIL CONSERVATION COMMISSION

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

5a. Indicate Type of Lease State <input checked="" type="checkbox"/> Fee <input type="checkbox"/>
5. State Oil & Gas Lease No. B-3441
7. Unit Agreement Name
8. Farm or Lease Name Lea 886 State
9. Well No. 1 2
10. Field and Pool, or Wildcat Teas Yates 7R West
12. County Lea

## SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR.  
USE "APPLICATION FOR PERMIT -" (FORM C-101) FOR SUCH PROPOSALS.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER- Plug & Abandon
2. Name of Operator Atlantic Richfield Company
3. Address of Operator P. O. Box 1710, Hobbs, New Mexico 88240
4. Location of Well UNIT LETTER B 660 FEET FROM THE North LINE AND 1980 FEET FROM THE East LINE, SECTION 16 TOWNSHIP 20S RANGE 33E NMPM.
15. Elevation (Show whether DF, RT, GR, etc.) 3544' GR

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

## NOTICE OF INTENTION TO:

## SUBSEQUENT REPORT OF:

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

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

Plugged and abandoned in the following manner:

1. On 2/4/75 rigged up, installed BOP. POH w/completion assy. WIH w/bit & csg scraper to 2895'.
2. Ran cmt retr on 2-3/8" tbg to 2850'.
3. Squeeze cemented perfs 3182-3206' w/50 sx Cl C cmt cont'g 4% gel, 8#/sk salt.
4. POH w/stinger & reran tbg OE, spotted 225 sx Cl C cmt cont'g 4% gel, 8#/sk salt over salt section 2850-1200'.
5. Filled hole w/heavy mud to 40' from surface.
6. Spotted 10 sk cmt plug 40' to surface, installed regulation dry hole marker.

Your office to be notified when location has been cleaned & leveled & is ready for inspection.

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

SIGNED H. J. Beaman TITLE Dist. Drlg. Supv. DATE 2/10/75

APPROVED BY H. J. Beaman TITLE OIL & GAS INSPECTOR DATE 2/10/75

CONDITIONS OF APPROVAL, IF ANY:


AREA 640 ACRES  
LOCATE WELL CORRECTLY

## NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

DISTRICT OFFICE 000

WELL RECORD AM 10 29

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

Sinclair Oil & Gas Company  
(Company or Operator)State Lea 886  
(Lease)Well No. **2**, in **NW**  $\frac{1}{4}$  of **NE**  $\frac{1}{4}$ , of Sec. **16**, T. **20S**, R. **33E**, NMPM.**West Tens-Yates** Pool, **Lea** County.Well is **660** feet from **North** line and **1980** feet from **East** lineof Section **16**. If State Land the Oil and Gas Lease No. is **E-3441**Drilling Commenced **February 26**, 19**60** Drilling was Completed **March 11**, 19**60**Name of Drilling Contractor **A.W. Thompson, Inc.**Address **Box 526, Midland, Texas**Elevation above sea level at Top of Tubing Head **3544**. The information given is to be kept confidential until  
19**60**.

## OIL SANDS OR ZONES

No. 1, from **2950** to **3274** No. 4, from \_\_\_\_\_ to \_\_\_\_\_

No. 2, from \_\_\_\_\_ to \_\_\_\_\_ No. 5, from \_\_\_\_\_ to \_\_\_\_\_

No. 3, from \_\_\_\_\_ to \_\_\_\_\_ No. 6, from \_\_\_\_\_ to \_\_\_\_\_

## IMPORTANT WATER SANDS

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

No. 1, from **None** to \_\_\_\_\_ feet.

No. 2, from \_\_\_\_\_ to \_\_\_\_\_ feet.

No. 3, from \_\_\_\_\_ to \_\_\_\_\_ feet.

No. 4, from \_\_\_\_\_ to \_\_\_\_\_ feet.

## CASING RECORD

SIZE	WEIGHT PER FOOT	NEW OR USED	AMOUNT	KIND OF SHOE	CUT AND PULLED FROM	PERFORATIONS	PURPOSE
9-5/8"	36.40	New	1308				Surface
7"	20	New	2950				Production
2-3/8"	4.7	New	3233				Tubing

## MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. BAGS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
12-1/4	9-5/8	1308	914	Halliburton		
8-3/4	7	2950	465	Halliburton		

## RECORD OF PRODUCTION AND STIMULATION

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

**No Treatment**Result of Production Stimulation **No treatments - well completed natural - swabbed 39 bbls of 30.0 gravity oil in 5 hrs. GOR 180.**

Depth Cleaned Out \_\_\_\_\_



RECORD OF DRILL-STEM AND SPECIAL TESTS

If drill-stem or other special tests or deviation surveys were made, submit report on separate sheet and attach hereto

TOOLS USED

Rotary tools were used from 0 feet to 3360 feet, and from feet to feet.  
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to Producing March 14, 1960  
OIL WELL: The production during the first 24 hours was 187 barrels of liquid of which 100 % was  
was oil; 0 % was emulsion; 0 % water; and 0 % was sediment. A.P.I.  
Gravity 30.0  
GAS WELL: The production during the first 24 hours was M.C.F. plus barrels of  
liquid Hydrocarbon. Shut in Pressure lbs.  
Length of Time Shut in

PLEASE INDICATE BELOW FORMATION TOPS (IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE):

Southeastern New Mexico		Northwestern New Mexico	
T. Anhy.	1260	T. Devonian	T. Ojo Alamo
T. Salt.		T. Silurian	T. Kirtland-Fruitland
B. <del>xxx</del> Tansill	2812	T. Montoya	T. Farmington
T. Yates	2920	T. Simpson	T. Pictured Cliffs
T. 7 Rivers	3257	T. McKee	T. Menefee
T. Queen		T. Ellenburger	T. Point Lookout
T. Grayburg		T. Gr. Wash	T. Mancos
T. San Andres		T. Granite	T. Dakota
T. Glorieta		T.	T. Morrison
T. Drinkard		T.	T. Penn.
T. Tubbs		T.	T.
T. Abo		T.	T.
T. Penn.		T.	T.
T. Miss.		T.	T.

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	490	490	Redbed				
490	772	282	Redbed & Shale				
772	1044	272	Redbed & Anhydrite				
1044	1327	283	Anhydrite				
1327	2810	1483	Anhydrite & Salt				
2810	2966	156	Anhydrite				
2966	3079	113	Anhydrite, Lime & Gyp				
3079	3215	136	Sandy Lime & Gyp				
3215	3360	145	Sandy Lime & Dolomite				

(See attached sheet for record of DST)

ATTACH SEPARATE SHEET IF ADDITIONAL SPACE IS NEEDED

I hereby swear or affirm that the information given herewith is a complete and correct record of the well and all work done on it so far as can be determined from available records.

March 22, 1960

Company or Operator **Sinclair Oil & Gas Co.**  
Name **Fred Burns**

Address **520 E Broadway, Hobbs, N.M.**  
Position or Title **Dist. Supt.**

# RECORD OF DRILL-STEM AND SPECIAL TESTS

If drill-stem or other special tests or deviation surveys were made, submit report on separate sheet and attach hereto

## TOOLS USED

Rotary tools were used from 0 feet to 1220 feet, and from feet to feet.  
Cable tools were used from 1220 feet to 3260 feet, and from feet to feet.

## PRODUCTION

Put to Producing March 1, 1961 (150 BO circulated to tanks during cementing)  
OIL WELL: The production during the first 24 hours was 100 barrels of liquid of which 90% was oil; % was emulsion; 10% water; and % was sediment. A.P.I. Gravity 30  
GAS WELL: The production during the first 24 hours was M.C.F. plus barrels of liquid Hydrocarbon. Shut in Pressure lbs.  
Length of Time Shut in

PLEASE INDICATE BELOW FORMATION TOPS (IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE):

Southeastern New Mexico			Northwestern New Mexico		
T. Anhy.	1218		T. Devonian		T. Ojo Alamo
T. Salt	1375		T. Silurian		T. Kirtland-Fruitland
B. Salt	2780		T. Montoya		T. Farmington
T. Yates	2965		T. Simpson		T. Pictured Cliffs
T. 7 Rivers	3207		T. McKee		T. Menefee
T. Queen			T. Ellenburger		T. Point Lookout
T. Grayburg			T. Gr. Wash.		T. Mancos
T. San Andres			T. Granite		T. Dakota
T. Glorieta			T.		T. Morrison
T. Drinkard			T.		T. Penn.
T. Tubbs			T.		T.
T. Abo			T.		T.
T. Penn.			T.		T.
T. Miss.			T.		T.

## FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	1218	1218	Red beds, sd. & caliche				
1218	1375	157	Dolo. & anhydrite				
1375	2780	1405	Salt				
2780	2965	185	Dolomite				
2965	3207	242	Sand & dolomite				
3207	3260	53	Dolomite				

ATTACH SEPARATE SHEET IF ADDITIONAL SPACE IS NEEDED

I hereby swear or affirm that the information given herewith is a complete and correct record of the well and all work done on it so far as can be determined from available records.

March 4, 1961 (Date)  
Company or Operator Ernest A. Hanson Address P. O. Box 852, Roswell, New Mexico  
Name Position or Title Geologist

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# NEW MEXICO OIL CONSERVATION COMMISSION

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

5a. Indicate Type of Lease	
State <input checked="" type="checkbox"/>	Fee <input type="checkbox"/>
5. State Oil & Gas Lease No. E-8433	

<p align="center"><b>SUNDRY NOTICES AND REPORTS ON WELLS</b></p> <p align="center"><small>(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT -" (FORM C-101) FOR SUCH PROPOSALS.)</small></p>		
1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>	7. Unit Agreement Name	
2. Name of Operator Hanson Oil Corporation	8. Farm or Lease Name Atlantic State	
3. Address of Operator P. O. Box 1515, Roswell, New Mexico 88201	9. Well No. #1	
4. Location of Well UNIT LETTER <u>C</u> <u>990</u> FEET FROM THE <u>North</u> LINE AND <u>1980</u> FEET FROM THE <u>West</u> LINE, SECTION <u>16</u> TOWNSHIP <u>20-S</u> RANGE <u>33-E</u> NMPM.	10. Field and Pool, or Wellbore W. Teas Yates SR	
15. Elevation (Show whether DF, RT, GR, etc.) 3542' DF	12. County Lea	

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

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

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

Plugged and abandoned the above captioned well as follows:

Spotted 175 sk plug from 3110' to 1125'  
Spotted 10 sk plug from 150' to surface  
9.5#/gal mud between plugs

Installed Dry Hole Marker. Well PLUGGED & ABANDONED on 10-22-80

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

SIGNED *Sharon R. Smith* TITLE Production Analyst DATE 10-24-80

APPROVED BY *Ronald C. Wilkerson* TITLE OIL & GAS INSPECTOR DATE JUL 2 1982

CONDITIONS OF APPROVAL, IF ANY:

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Form C-105  
Revised 1-1-65

NEW MEXICO OIL CONSERVATION COMMISSION  
WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5a. Indicate Type of Lease  
State ☒ Fee ☐  
5. State Oil & Gas Lease No.  
N. M. 753

1a. TYPE OF WELL  
OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐  
b. TYPE OF COMPLETION  
NEW WELL ☐ WORK OVER ☐ CHANGE IN NAME OF OPERATOR ☒ PLUG ☐ DIFF ☐ OTHER ☐  
2. Name of Operator  
Ernest A. Hanson  
3. Address of Operator  
P. O. Box 1515, Roswell, New Mexico  
4. Location of Well  
UNIT LETTER C LOCATED 990 FEET FROM THE North LINE AND 1980 FEET FROM THE West LINE OF SEC. 16 TWP. 20-S RGE. 33-E NMPM  
5. Date Spudded 12-21-60  
6. Date T.D. Reached 3-1-61  
7. Date Compl. (Ready to Prod.) 1-1-68  
8. Elevations (DF, RKB, RT, GR, etc.) 3542' DF  
9. Elev. Casinghead 3540'  
10. Total Depth 3265'  
11. Plug Back T.D. 3210'  
12. If Multiple Compl., How Many  
13. Intervals Drilled By  
14. Rotary Tools 0 - 1220'  
15. Cable Tools 1220 - 3265'  
16. Producing Interval(s), of this completion - Top, Bottom, Name  
3171-3185' Yates Formation  
17. Was Directional Survey Made No  
18. Type Electric and Other Logs Run  
None on plug back  
19. Was Well Cored No

20. CASING RECORD (Report all strings set in well)  
CASING SIZE WEIGHT LB./FT. DEPTH SET HOLE SIZE CEMENTING RECORD AMOUNT PULLED  
8-5/8" 24 1220' 10-1/2" 600 sx. circulated None  
7" 20 2955' 8" 25 sx. 2800'  
4-1/2" 9.5 3260' 6-1/2" 450 sx. None

21. LINER RECORD  
SIZE TOP BOTTOM SACKS CEMENT SCREEN  
2-3/8" 3120' None  
22. TUBING RECORD  
SIZE DEPTH SET PACKER SET  
2-3/8" 3120' None

23. Perforation Record (Interval, size and number)  
1 - 0.50" SF @ 3171, 3173, 3175, 3178, 3181, 3183.5 & 3185.  
24. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.  
DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED

25. PRODUCTION  
Date First Production Jan. 1, 1968  
Production Method (Flowing, gas lift, pumping - Size and type pump) Pumping - insert pump  
Well Status (Prod. or Shut-in) Producing  
Date of Test 1-1-68  
Hours Tested 24  
Choke Size  
Prod'n. For Test Period  
Oil - Bbl. 58  
Gas - MCF  
Water - Bbl. Trace  
Gas - Oil Ratio  
Flow Tubing Press. Casing Pressure  
Calculated 24-Hour Rate  
Oil - Bbl. 58  
Gas - MCF  
Water - Bbl. Trace  
Oil Gravity - API (Corr.) 34

26. Disposition of Gas (Sold, used for fuel, vented, etc.) Vented  
27. List of Attachments None  
28. 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.

SIGNED Harry F. Schramm TITLE Exploration Manager DATE Jan. 2, 1968

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ILE		
J.S.G.S.		
LAND OFFICE		
OPERATOR		

# NEW MEXICO OIL CONSERVATION COMMISSION

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

5a. Indicate Type of Lease	
State <input checked="" type="checkbox"/>	Fee <input type="checkbox"/>
5. State Oil & Gas Lease No. <b>E-4207</b>	

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

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER- <input type="checkbox"/>		7. Unit Agreement Name
2. Name of Operator <b>Sinclair Oil &amp; Gas Company</b>		8. Farm or Lease Name <b>State Lea 6019</b>
3. Address of Operator <b>P. O. Box 1920, Hobbs, New Mexico, 88240</b>		9. Well No. <b>2</b>
4. Location of Well UNIT LETTER <b>D</b> <b>660</b> FEET FROM THE <b>North</b> LINE AND <b>660</b> FEET FROM THE <b>West</b> LINE, SECTION <b>16</b> TOWNSHIP <b>20</b> RANGE <b>33</b> NMPM.		10. Field and Pool, or Wildcat <b>West Teas Yates</b>
15. Elevation (Show whether DF, RT, GR, etc.) <b>3530 Surface</b>		12. County <b>Lea</b>

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

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

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

**2-3-65 Squeezed perforations (Yates) 3232'-3240' w/150 sks. Incor Neat Cement w/3 sks flo- seal in first 50 sks. Max. Press. 6000#, completed 11:00 AM 2-3-65. Left 2-7/8"OD casing (Tubing F/Casing) full of cement to surface. Approximately 75 sks. cement squeezed into formation thru perforations 3232'-3240'. Installed regulation marker. Cleaned and leveled location. Plugged and Abandoned.**

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

SIGNED Frank B. ... TITLE **Area Superintendent** DATE **2-8-65**

APPROVED BY Leslie A. Clement TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

Orig&2cc: OCC, Hobbs, cc: State Land Office, cc: Mr. R. F. Sawyer, cc: U.S. Borax, Carlsbad, N.M.  
cc: C. R. McClain-Roswell. file

0 #2									

## NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

## WELL RECORD 3-44

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

AREA 640 ACRES  
LOCATE WELL CORRECTLY

Sinclair Oil &amp; Gas Company

State Les 6019

(Company or Operator)

(Lease)

Well No. 2, in NW  $\frac{1}{4}$  of NW  $\frac{1}{4}$  of Sec. 16, T. 20S, R. 33E, NMPM.Indesignated

Pool,

Les

County.

Well is 660 feet from North line and 660 feet from West lineof Section 16. If State Land the Oil and Gas Lease No. is E-1207Drilling Commenced April 20, 1960. Drilling was Completed May 1, 1960Name of Drilling Contractor A.W. Thompson, Inc.Address Box 526, Midland, TexasElevation above sea level at Top of Tubing Head 3530. The information given is to be kept confidential until \_\_\_\_\_, 19\_\_\_\_.

## OIL SANDS OR ZONES

No. 1, from 2980 to 3263 No. 4, from \_\_\_\_\_ to \_\_\_\_\_

No. 2, from \_\_\_\_\_ to \_\_\_\_\_ No. 5, from \_\_\_\_\_ to \_\_\_\_\_

No. 3, from \_\_\_\_\_ to \_\_\_\_\_ No. 6, from \_\_\_\_\_ to \_\_\_\_\_

## IMPORTANT WATER SANDS

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

No. 1, from \_\_\_\_\_ to \_\_\_\_\_ feet.

No. 2, from \_\_\_\_\_ to \_\_\_\_\_ feet.

No. 3, from \_\_\_\_\_ to \_\_\_\_\_ feet.

No. 4, from \_\_\_\_\_ to \_\_\_\_\_ feet.

## CASING RECORD

SIZE	WEIGHT PER FOOT	NEW OR USED	AMOUNT	KIND OF SHOE	CUT AND PULLED FROM	PERFORATIONS	PURPOSE
9-5/8	32	New	1350				Surface Cag
7	20	New	2975		2874		Intermediate Cag
2-7/8	6.5	Used	3297			3194-3199	Production Cag
1-1/4	2.3 (5000# Test)	Used	3045				Tubing

## MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. BAGS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
12-1/4	9-5/8	1350	608	Halliburton		
8-3/4	7	2975	16	Halliburton		
6-1/8	2-7/8	3297	1028	Halliburton		

## RECORD OF PRODUCTION AND STIMULATION

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

Treated perforations 3194-99 with 250 gallons mud acid and 1500 gallon-1500 lb sandoil frac.

Result of Production Stimulation. Pumped 47 bbls new 30 gravity oil and 31 bbls formation water in 24 hours. Gas-TSTM

Depth Cleaned Out \_\_\_\_\_

Orig &amp; 5cc: OCC-Hobbs; cc: State Land Office; cc: HFD. JM. File

RECORD OF DRILL-STEM AND SPECIAL 1 18

If drill-stem or other special tests or deviation surveys were made, submit report on separate sheet and attach hereto

TOOLS USED

Rotary tools were used from Surface feet to 3297 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet.  
Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet.

PRODUCTION

Put to Producing May 20, 19 60

OIL WELL: The production during the first 24 hours was 78 barrels of liquid of which 60 % was  
was oil; 0 % was emulsion; 10 % water; and 0 % was sediment. A.P.I.  
Gravity 30

GAS WELL: The production during the first 24 hours was \_\_\_\_\_ M.C.F. plus \_\_\_\_\_ barrels of  
liquid Hydrocarbon. Shut in Pressure \_\_\_\_\_ lbs.

Length of Time Shut in \_\_\_\_\_

PLEASE INDICATE BELOW FORMATION TOPS (IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE):

Southeastern New Mexico		Northwestern New Mexico	
T. Anhy. <u>1170</u>	T. Devonian. _____	T. Ojo Alamo. _____	
T. Salt. _____	T. Silurian. _____	T. Kirtland-Fruitland. _____	
B. <u>2000</u>	T. Montoya. _____	T. Farmington. _____	
T. Yates. <u>2980</u>	T. Simpson. _____	T. Pictured Cliffs. _____	
T. 7 Rivers. _____	T. McKee. _____	T. Menefee. _____	
T. Queen. _____	T. Ellenburger. _____	T. Point Lookout. _____	
T. Grayburg. _____	T. Gr. Wash. _____	T. Mancos. _____	
T. San Andres. _____	T. Granite. _____	T. Dakota. _____	
T. Glorieta. _____	T. _____	T. Morrison. _____	
T. Drinkard. _____	T. _____	T. Penn. _____	
T. Tubbs. _____	T. _____	T. _____	
T. Abo. _____	T. _____	T. _____	
T. Penn. _____	T. _____	T. _____	
T. Miss. _____	T. _____	T. _____	

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	622	622	Redbed	<b>DEVIATION SURVEYS</b> 1/4 @ 500' 1/4 @ 1125' 2-3/4 @ 2659' 2-1/2 @ 2975'			
622	1002	380	Anhydrite & Redbed				
1002	1350	348	Anhydrite				
1350	2788	1438	Anhydrite & Salt				
2788	3010	222	Anhydrite & Lime				
3010	3297	287	Lime & Sand				
3297	Total Depth						

ATTACH SEPARATE SHEET IF ADDITIONAL SPACE IS NEEDED

I hereby swear or affirm that the information given herewith is a complete and correct record of the well and all work done on it so far as can be determined from available records.

June 6, 1960  
(Date)

Company or Operator Sinclair Oil & Gas Company Address 520 E Broadway, Hobbs, N.M.  
Name Fred Burns Position Dist. Supt.

District I  
PO Box 1940, Hobbs, NM 88241-1940  
District II  
PO Drawer DD, Artesia, NM 88211-0719  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico  
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION  
PO Box 2088  
Santa Fe, NM 87504-2088

RECEIVED FEB 28 1994

Form C-101  
Revised February 10, 1994  
Instructions on back  
Submit to Appropriate District Office  
State Lease - 6 Copies  
Fee Lease - 5 Copies

☐ AMENDED REPORT

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

Operator Name and Address: Stevens & Tull, Inc. P. O. Box 11005 Midland, Texas 79702		OGRID Number 021602
Property Name Conoco State		Well No. 1

Surface Location										POTASH AREA
UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South Line	Feet from the	East/West Line	County	
D	16	20S	33E		990	North	990	West	Lea	

Proposed Bottom Hole Location If Different From Surface									
UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South Line	Feet from the	East/West Line	County
D	16	20S	33E		990	North	990	West	Lea
Proposed Pool 1 West Teas Y-SR					Proposed Pool 2				

Work Type Code N	Well Type Code 0	Cable/Rotary R	Lease Type Code S	Grossed Level Elevation 3532
Multiple No	Proposed Depth 3600	Formation Seven Rivers	Contractor Unknown	Spud Date 1/10/96

Proposed Casing and Cement Program					
Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
12 1/4	9 5/8	36	1100	625	Surface
8 3/4	5 1/2	15.50	3600	600	Surface

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

- 1) Drill 12 1/4" hole to 1100'.
- 2) Cement 9 5/8" csg @ 1100'. Circulate cement to surface. Let cement stand 12 hours under pressure plus 12 hours during NU.
- 3) Drill 8 3/4" hole to TD of 3600'. If we encounter water flow at +/- 2000' set 7"-20# csg to isolate. Cement to surface.
- 4) Set either 5 1/2" (if no waterflow) or 4 1/2" (if waterflow) at TD of 3600'. If 5 1/2" circulate cement to surface. If 4 1/2" use 100 SX. (6 1/4" hole).

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

Signature:

Printed name:

Michael G. Mooney

Title:

Engineer

Date:

10/31/95

Phone:

915/699-1410

OIL CONSERVATION DIVISION

Approved by:

WINK

Title:

FIELD REP. II

Approval Date:

FEB 02 1996

Expiration Date:

Conditions of Approval:

Attached ☐

Permit Expires 6 Months From Approval  
Date Unless Drilling Underway.



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# NEW MEXICO OIL CONSERVATION COMMISSION

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

5a. Indicate Type of Lease State <input checked="" type="checkbox"/> Fee <input type="checkbox"/>
5. State Oil & Gas Lease No. E 3441

<p><b>SUNDRY NOTICES AND REPORTS ON WELLS</b> (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT -" (FORM C-101) FOR SUCH PROPOSALS.)</p>		
1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER: Junked and Abandoned	7. Unit Agreement Name	
2. Name of Operator Alpha Twenty-One Production Company	8. Farm or Lease Name Jackson State	
3. Address of Operator 2100 First National Bank Building, Midland, Texas 79701	9. Well No. 1	
4. Location of Well UNIT LETTER E 1650 FEET FROM THE North LINE AND 990 FEET FROM THE West LINE, SECTION 16 TOWNSHIP 20S RANGE 33E NMPM.	10. Field and Pool, or Wildcat West Teas-Yates-Seven Ri	
15. Elevation (Show whether DF, RT, GR, etc.) 3533 Ground Level	12. County Lea	

16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data			
NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input checked="" type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	OTHER <input type="checkbox"/>	CASING TEST AND CEMENT JOB <input type="checkbox"/>	OTHER <input type="checkbox"/>

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

The well was Plugged and Abandoned on 11-5-81, using the following procedure:

Set Cement Retainer in 13-3/8" Casing at 1180' and set a Cement Plug below the Retainer with 1500 Sx. Cl. C from 1180' to 2619'.

Set Cement Plug above Retainer with 600 Sx. Class C Neat from Surface to 1180'.

Set Monument at Wellsite.

On site inspection prior to Plugging made by OCD Representative, Otto Wink.

Oral Approval of Plugging Procedure Received from OCD Representative, Les Clements.

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

SIGNED Tommy Phillips TITLE Executive Vice President DATE November 13, 1981

APPROVED BY Ronald M. Coatsworth TITLE OIL & GAS INSPECTOR DATE NOV 8 1983

CONDITIONS OF APPROVAL, IF ANY:

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OPERATOR	

**NEW MEXICO OIL CONSERVATION COMMISSION  
WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

Form C-105  
Revised 10-68

6a. Indicate Type of Lease	State <input checked="" type="checkbox"/> Fee <input type="checkbox"/>
6. State Oil & Gas Lease No.	E 3441

10. TYPE OF WELL	OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> OTHER <u>Junked &amp; Abandoned</u>
11. TYPE OF COMPLETION	NEW WELL <input type="checkbox"/> WORK OVER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> OTHER <input type="checkbox"/>

7. Unit Agreement Name	
8. Name of Lease State	Jackson State

2. Name of Operator	Alpha Twenty-One Production Company
3. Address of Operator	2100 First National Bank Building, Midland, Texas 79701

9. Well No.	1
10. Field and Pool, or Wildcat	West Teas-Yates-Seven River

4. Location of Well	UNIT LETTER <u>E</u> LOCATED <u>1650</u> FEET FROM THE <u>North</u> LINE AND <u>990</u> FEET FROM THE <u>West</u> LINE OF SEC. <u>16</u> TWP. <u>20S</u> RGE. <u>33E</u>
---------------------	--

11. County	
------------	--

15. Date Spudded	16. Date T.D. Reached	17. Date Compl. (Ready to Prod.)	18. Elevations (DF, RKB, RT, GR, etc.)	19. Elev. Casinghead
10-25-81	11-3-81	Junked & Abandoned 11-5-81	3533 Ground Level	None
20. Total Depth	21. Plug Back T.D.	22. If Multiple Compl., How Many	23. Intervals Drilled By	Rotary Tools
2619	Surface		2619	Cable Tools

24. Producing Interval(s), of this completion -- Top, Bottom, Name	25. Was Directional Survey Made
None	Yes

26. Type Electric and Other Logs Run	27. Was Well Cored
None	No

28. CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT L.B. FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13-3/8"	48	1,244'	17 1/2"	1050 Sx Cl.C (Circulated)	None

29. LINER RECORD				30. TUBING RECORD			
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET

31. Perforation Record (Interval, size and number)	32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
	DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED

33. PRODUCTION							
Date First Production		Production Method (Flowing, gas lift, pumping -- Size and type pump)				Well Status (Prod. or Shut-in)	
Date of Test	Hours Tested	Choke Size	Prod'n. Per Test Period	Oil -- Bbl.	Gas -- MCF	Water -- Bbl.	Gas -- Oil Ratio
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil -- Bbl.	Gas -- MCF	Water -- Bbl.	Oil Gravity -- API (Corr.)	

34. Disposition of Gas (Sold, used for fuel, vented, etc.)	Test Witnessed By

35. List of Attachments
Deviation Survey

36. 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.

SIGNED <u>Tomy Phipps</u>	TITLE <u>Executive Vice President</u>	DATE <u>11-23-81</u>
---------------------------	---------------------------------------	----------------------

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# NEW MEXICO OIL CONSERVATION COMMISSION

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

5a. Indicate Type of Lease
State <input checked="" type="checkbox"/> Fee <input type="checkbox"/>
5. State Oil & Gas Lease No.
E 3441

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

1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER: Junked and Abandoned	7. Unit Agreement Name
2. Name of Operator Alpha Twenty-One Production Company	8. Farm or Lease Name Jackson State
3. Address of Operator 2100 First National Bank Building, Midland, Texas 79701	9. Well No. 1
4. Location of Well UNIT LETTER E 1650 FEET FROM THE North LINE AND 990 FEET FROM THE West LINE, SECTION 16 TOWNSHIP 20S RANGE 33E NMPM.	10. Field and Pool, or Wildcat West Teas-Yates-Seven Ri
15. Elevation (Show whether DF, RT, GR, etc.) 3533 Ground Level	12. County Lea

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

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

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

The well was Plugged and Abandoned on 11-5-81, using the following procedure:

Set Cement Retainer in 13-3/8" Casing at 1180' and set a Cement Plug below the Retainer with 1500 Sx. Cl. C from 1180' to 2619'.

Set Cement Plug above Retainer with 600 Sx. Class C Neat from Surface to 1180'.

Set Monument at Wellsite.

On site inspection prior to Plugging made by OCD Representative, Otto Wink.

Oral Approval of Plugging Procedure Received from OCD Representative, Les Clements.

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

SIGNED Tommy Phillips TITLE Executive Vice President DATE November 13, 1981

APPROVED BY Ronald M. Condit TITLE OIL & GAS INSPECTOR DATE NOV 8 1983

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**NEW MEXICO OIL CONSERVATION COMMISSION  
WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

Form C-105  
Revised 6-66

6. Indicate Type of Lease	
State <input checked="" type="checkbox"/>	Fee <input type="checkbox"/>
7. State Oil & Gas Lease No.	
<b>E 3441</b>	

10. TYPE OF WELL	
OIL WELL <input type="checkbox"/>	GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> OTHER <u>Junked &amp; Abandoned</u>
11. TYPE OF COMPLETION	
NEW WELL <input type="checkbox"/>	WORK OVER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> OTHER <input type="checkbox"/>

7. Unit Agreement Lease
8. Name of Lease State
<b>Jackson State</b>
9. Well No.
<b>1</b>
10. Field and Pool, or Wildcat
<b>West Teas-Yates-Seven River</b>

2. Name of Operator	
<b>Alpha Twenty-One Production Company</b>	
3. Address of Operator	
<b>2100 First National Bank Building, Midland, Texas 79701</b>	

4. Location of Well	
UNIT LETTER <b>E</b>	LOCATED <b>1650</b> FEET FROM THE <b>North</b> LINE AND <b>990</b> FEET FROM
THE <b>West</b> LINE OF SEC. <b>16</b> TWP. <b>20S</b> RGE. <b>33E</b>	

15. Date Spudded	16. Date T.D. Reached	17. Date Compl. (Ready to Prod.)	18. Elevations (DF, RKB, RT, GR, etc.)	19. Elev. Casinghead
<b>10-25-81</b>	<b>11-3-81</b>	<b>Junked &amp; Abandoned 11-5-81</b>	<b>3533 Ground Level</b>	<b>None</b>
20. Total Depth	21. Plug Back T.D.	22. If Multiple Compl., How Many	23. Intervals Drilled By	Rotary Tools
<b>2619</b>	<b>Surface</b>		<b>2619</b>	Cable Tools

24. Producing Interval(s), of this completion -- Top, Bottom, Name	25. Was Directional Survey Made
<b>None</b>	<b>Yes</b>

26. Type Electric and Other Logs Run	27. Was Well Cored
<b>None</b>	<b>No</b>

28. CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT LB. FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
<b>13-3/8"</b>	<b>48</b>	<b>1,244'</b>	<b>17 1/2"</b>	<b>1050 Sx Cl.C (Circulated)</b>	<b>None</b>

29. LINER RECORD				30. TUBING RECORD			
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET

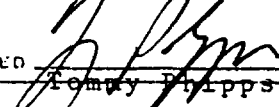
31. Perforation Record (Interval, size and number)	32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
	DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED

33. PRODUCTION							
Date First Production		Production Method (Flowing, gas lift, pumping -- Size and type pump)				Well Status (Prod. or Shut-in)	
Date of Test	Hours Tested	Choke Size	Prod'n. Per Test Period	Oil -- Bbl.	Gas -- MCF	Water -- Bbl.	Gas -- Oil Ratio
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil -- Pbl.	Gas -- MCF	Water -- Bbl.	Oil Gravity -- API (Corr.)	

34. Disposition of Gas (Sold, used for fuel, vented, etc.)	Test Witnessed By

35. List of Attachments
<b>Deviation Survey</b>

36. 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.

SIGNED 	TITLE <b>Executive Vice President</b>	DATE <b>11-23-81</b>
--	---------------------------------------	----------------------

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

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

Form C-103  
Revised 10-1-78

5a. Indicate Type of Lease  
State ☒ Fee ☐  
5. State Oil & Gas Lease No.  
S-886

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

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>	7. Unit Agreement Name
2. Name of Operator William E. Hendon, Jr.	8. Farm or Lease Name Arco State
3. Address of Operator 601 N. Loraine, Suite 111, Midland, Texas 79701	9. Well No. #1
4. Location of Well UNIT LETTER E 1980 FEET FROM THE north LINE AND 660 FEET FROM THE west LINE, SECTION 16 TOWNSHIP 20S RANGE 33E NMPM.	10. Field and Pool, or WHDCat W. Teas Yates
11. Elevation (Show whether DF, RT, GR, etc.) 3531 GR	12. County Lea

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

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

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1503.

Performed following to P&A referenced well based on approval of Jerry Sexton dated July 16, 1983. (Copy enclosed for your convenience.)

- (1) Ran 7" CIBP on tubing to 2858' & set
- (2) Spotted 65 sx (35 linear feet) of class "C" neat cmt on top of CIBP
- (3) Circulated well w/ 10 lb. brine and salt gel
- (4) POH & LD tbg until bottom of tbg at 1430'
- (5) Spotted 58 sx (315 linear feet) class "C" neat cmt from 1430'-1115'
- (6) POH & LD reamaining tubing
- (7) Cut off & recovered wellhead below ground level and set 10 sx class "C" surface plug
- (8) Welded plate onto well & erected identification marker above csg stub
- (9) Well permanently plugged & abandoned

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

SIGNED John O'Donnell TITLE Production Clerk DATE August 8, 1983  
APPROVED BY David C. Stanek TITLE OIL & GAS INSPECTOR DATE NOV 22 1983

## OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

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LAND OFFICE	
OPERATOR	

5a. Indicate Type of Lease
State <input checked="" type="checkbox"/> <input type="checkbox"/>
5. State Oil & Gas Lease No.
S-886

## 1. TYPE OF WELL

OIL WELL ☒GAS WELL ☐DRY ☐

OTHER

## 2. TYPE OF COMPLETION

NEW WELL ☒WORK OVER ☐DEEPEN ☐PLUG BACK ☐DIFF. RESVR. ☐

OTHER

Name of Operator

William E. Hendon, Jr.

Address of Operator

601 N. Loraine, Suite 111, Midland, Texas 79701

Location of Well

IT LETTER E LOCATED 1980 FEET FROM THE north LINE AND 660 FEET FROM

E west LINE OF SEC. 16 TWP. 20-S RGE. 33-E NMPM

Date Spudded	16. Date T.D. Reached	17. Date Compl. (Ready to Prod.)	18. Elevations (DF, RKB, RT, GR, etc.)	19. Elev. Casinghead
12-9-81	12-21-81	1-20-81	3531 GR	3529

Total Depth	21. Plug Back T.D.	22. If Multiple Compl., How Many	23. Intervals Drilled By	Rotary Tools	Cable Tools
3260	3112	N/A	→	XX	

Producing Interval(s), of this completion - Top, Bottom, Name

Yates 3016 -- 3092

25. Was Directional Survey Made

no

Type Electric and Other Logs Run

Compensated Gamma-Ray-Neutron

27. Was Well Cored

no

## CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9 5/8	unknown	1303	unknown	710 SX	none
7	unknown	2955	unknown	458 SX	none

## LINER RECORD

## 30. TUBING RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
5"	2901	3260	35 SX	--	2 3/8	3062	none

Perforation Record (Interval, size and number)

3016-24, 3028-35, 3078-92  
.75" diameter shot size  
2 JSPF -- 112 shots total

## 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
3016-3092	frac w/28,000 gals. & 36,000#s sand

## PRODUCTION

1st Production	Production Method (Flowing, gas lift, pumping - Size and type pump)					Well Status (Prod. or Shut-in)	
swabbed oil 1-18-82	1-1/4" x 2" x 16' insert rod pump					producing	
Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
2-20-82	24	N/A	→	20	TSTM	-0-	TSTM
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API (Corr.)	
N/A	-0-	→	20	TSTM	-0-	unknown	

Disposition of Gas (Sold, used for fuel, vented, etc.)

Vented

Test Witnessed By

J. Tarrant

List of Attachments

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.

SIGNED Timothy Hartfield TITLE Operations Engineer DATE Feb. 23, 1982



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OPERATOR	

# NEW MEXICO OIL CONSERVATION COMMISSION

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

5a. Indicate Type of Lease	
State <input checked="" type="checkbox"/>	Fee <input type="checkbox"/>
5. State Oil & Gas Lease No. B-3441	

## SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT -1" (FORM C-101) FOR SUCH PROPOSALS.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> Plug & Abandon		7. Unit Agreement Name
2. Name of Operator Atlantic Richfield Company		8. Farm or Lease Name Lea 886 State
3. Address of Operator P. O. Box 1710, Hobbs, New Mexico 88240		9. Well No. 1 3
4. Location of Well UNIT LETTER <u>E</u> 1980 FEET FROM THE <u>North</u> LINE AND <u>660</u> FEET FROM THE <u>West</u> LINE, SECTION <u>16</u> TOWNSHIP <u>20S</u> RANGE <u>33E</u> NMPM.		10. Field and Pool, or Wildcat Teas Yates 7Rivers West
15. Elevation (Show whether DF, RT, GR, etc.)		12. County Lea

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

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

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

On 1/29/75 rigged up and installed BOP. POH w/completion assy. WIH w/tbg & spotted 30 sx Cl H cmt 2900-3226'. Checked TOC @ 3044'. Spot 250 sx Cl C cmt cont'g 4% gel & 8# salt. Checked TOC @ 677'. Fill hole w/gel mud 677-35'. Spot 10 sk cmt plug 35' to surface. Installed regulation dry hole marker. Clean & level location. Well P&A 2/1/75. Final Report.

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

SIGNED H. J. [Signature] TITLE Dist. Drlg. Supv. DATE 2/4/75

OIL & GAS

187



Submit to Appropriate  
District Office  
State Lease - 6 copies  
Fee Lease - 5 copies  
DISTRICT I

P.O. Box 1980, Hobbs, NM 88240

DISTRICT II

P.O. Drawer DD, Artesia, NM 88210

DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410

State of New Mexico  
Energy, Minerals and Natural Resources Department

**OIL CONSERVATION DIVISION**

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

Form C-105  
Revised 1-1-89

WELL API NO.

30-025-01743

5. Indicate Type of Lease

STATE ☒

FEE ☐

6. State Oil & Gas Lease No.

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

1a. Type of Well:

OIL WELL ☒

GAS WELL ☐

DRY ☐

OTHER ☐

b. Type of Completion:

NEW  
WELL ☒

WORK  
OVER ☐

DEEPEN ☐

PLUG  
BACK ☐

DIFF  
RESVR ☐

OTHER ☐

7. Lease Name or Unit Agreement Name

ARCO 886 STATE

2. Name of Operator

Shackelford Oil Co.

8. Well No.

#1

3. Address of Operator

2626 Cole Avenue, Suite 502, Dallas, TX 75204

9. Pool name or Wildcat

West Texas Yates Seven

4. Well Location

Unit Letter F : 1980 Feet From The North Line and 1980 Feet From The West Line

Section 16 Township 20S Range 33E NMPM Lea County

10. Date Spudded

2/28/95

11. Date T.D. Reached

3/4/95

12. Date Compl. (Ready to Prod.)

3/11/95

13. Elevations (DF& RKB, RT, GR, etc.)

3537

14. Elev. Casinghead

3537

15. Total Depth

3315

16. Plug Back T.D.

3191

17. If Multiple Compl. How Many Zones?

18. Intervals Drilled By

Rotary Tools

Cable Tools

19. Producing Interval(s), of this completion - Top, Bottom, Name

3182-3188

20. Was Directional Survey Made

No

21. Type Electric and Other Logs Run

No new logs run

22. Was Well Cored

No

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#	1199'		1250 sacks	
5-1/2"	14#	3325'		1850 sacks	
Re-entry casing was in place					

24.

**LINER RECORD**

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

25. **TUBING RECORD**

SIZE	DEPTH SET	PACKER SET

26. Perforation record (interval, size, and number)

3268-3272' 4 spf. 20 holes

Plugged off tested only water after acid

Set 2 CIBP's @ 3210' and 3191'

3182 - 3188 4 spf 38 holes

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.

DEPTH INTERVAL

AMOUNT AND KIND MATERIAL USED

3268'-3272'

500 gal. 15% NEFE acid

28.

**PRODUCTION**

Date First Production

3/11/95

Production Method (Flowing, gas lift, pumping - Size and type pump)

Pumping

Well Status (Prod. or Shut-in)

Prod.

Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
3/23/95	24			67	0	120	0
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.)	
			67	0	120	33.6	

29. Disposition of Gas (Sold, used for fuel, vented, etc.)

Test Witnessed By

30. List Attachments

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

Signature

*D. O. Shackelford*

Printed Name

Don G. Shackelford

Title

Owner

Date

4/25/95

# 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

T. Anhy	1197	T. Canyon
T. Salt	1430	T. Strawn
B. Salt	2776	T. Atoka
T. Yates	2946	T. Miss
T. 7 Rivers	3178	T. Devonian
T. Queen		T. Silurian
T. Grayburg		T. Montoya
T. San Andres		T. Simpson
T. Glorieta		T. McKee
T. Paddock		T. Ellenburger
T. Blinberry		T. Gr. Wash
T. Tubb		T. Delaware Sand
T. Drinkard		T. Bone Springs
T. Abo		T. _____
T. Wolfcamp		T. _____
T. Penn		T. _____
T. Cisco (Bough C)		T. _____

## Northwestern New Mexico

T. Ojo Alamo _____	T. Penn. "B" _____
T. Kirtland-Fruitland _____	T. Penn. "C" _____
T. Pictured Cliffs _____	T. Penn. "D" _____
T. Cliff House _____	T. Leadville _____
T. Menefee _____	T. Madison _____
T. Point Lookout _____	T. Elbert _____
T. Mancos _____	T. McCracken _____
T. Gallup _____	T. Ignacio Otzte _____
Base Greenhorn _____	T. Granite _____
T. Dakota _____	T. _____
T. Morrison _____	T. _____
T. Todilto _____	T. _____
T. Entrada _____	T. _____
T. Wingate _____	T. _____
T. Chinle _____	T. _____
T. Permian _____	T. _____
T. Penn. "A" _____	T. _____

## OIL OR GAS SANDS OR ZONES

No. 1, from ..... to .....  
No. 2, from 3060 ..... to 3070 .....  
No. 3, from 3178 ..... to 3188 .....  
No. 4, from ..... to .....

## IMPORTANT WATER SANDS

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

No. 1, from.....**NONE**.....to.....feet.....  
 No. 2, from.....to.....feet.....  
 No. 3, from.....to.....feet.....

## LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness in Feet	Lithology	From	To	Thickness in Feet	Lithology
50	1197	1147	Red Beds				
1197	1430	233	Annydrite				
1430	2776	1346	Annydrite / Salt				
2776	2946	170	Dolomite				
2946	3178	232	Sand / Dolomite				
3178	3315	137	Dolomite				

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

# NEW MEXICO OIL CONSERVATION COMMISSION

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

5a. Indicate Type of Lease	
State <input checked="" type="checkbox"/>	Fee <input type="checkbox"/>
5. State Oil & Gas Lease No.	
B-3441	
7. Unit Agreement Name	
8. Farm or Lease Name	
Lea 886 State	
9. Well No.	
1 1	
10. Field and Pool, or Wildcat	
Teas Yates 7R West	
12. County	
Lea	

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

1. OIL WELL ☐ GAS WELL ☐ OTHER- Plug & Abandon

2. Name of Operator  
Atlantic Richfield Company

3. Address of Operator  
P. O. Box 1710, Hobbs, New Mexico 88240

4. Location of Well  
UNIT LETTER F 1980 FEET FROM THE North LINE AND 1980 FEET FROM THE West LINE, SECTION 16 TOWNSHIP 20S RANGE 33E NMPM.

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

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

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

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

Well was plugged & abandoned in the following manner:

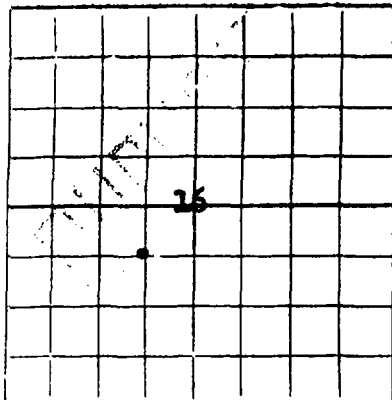
- On 2/2/75 rigged up csg pullers, installed BOP & pulled rods & tbq.
- WIH w/5½" csg scraper to 2800'.
- Set cmt retr @ 2817'. Squeeze cmtd perfs 3146-3232' w/35 sx Cl C cmt cont'g 4% gel & 8# salt/sk.
- Circulated hole w/9.5# mud.
- Spotted 130 sx Cl C cmt cont'g 4% gel & 8# salt/sk from 1200-2817' to cover salt section.
- Spotted 10 sx cmt from 40' to surface. Installed regulation dry hole marker. Well P&A effective 2/11/75. Location to be cleaned & levelled.

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

SIGNED [Signature] TITLE Dist. Drlg. Supv. DATE 2/14/75

APPROVED BY [Signature] TITLE [Signature] DATE [Signature]

CONDITIONS OF APPROVAL, IF ANY:

AREA 640 ACRES  
LOCATE WELL CORRECTLY

## NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico 87202

JUN 11 AM 9 32  
WELL RECORD

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

Sinclair Oil &amp; Gas Company

(Company or Operator)

State Lea 886

(Lease)

Well No. 1, in NE 1/4 of SW 1/4, of Sec. 16, T. 20S, R. 33E, NMPM.

Wildcat

Pool,

Lea

County.

Well is 1980 feet from South line and 1980 feet from West line

of Section 16. If State Land the Oil and Gas Lease No. is

Drilling Commenced 11/13/1959, Drilling was Completed 11/28/1959

Name of Drilling Contractor A. W. Thompson, Inc.

Address Houston, Texas

Elevation above sea level at Top of Tubing Head 3,537'. The information given is to be kept confidential until 19

## OIL SANDS OR ZONES

No. 1, from 2946' to 3,235' No. 4, from to

No. 2, from to No. 5, from to

No. 3, from to No. 6, from to

## IMPORTANT WATER SANDS

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

No. 1, from to feet.

No. 2, from to feet.

No. 3, from to feet.

No. 4, from to feet.

## CASING RECORD

SIZE	WEIGHT PER FOOT	NEW OR USED	AMOUNT	KIND OF SHOE	OUT AND PULLED FROM	PERFORATIONS	PURPOSE
13-3/8"	54.5	New	1196'				Surface
5-1/2"	14	"	3325'			3146' - 3232'	Production
2-3/8"	4.7	"	3211'				Tubing

## MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
17-1/2"	13-3/8	1199	1250	Halliburton		
12-1/4"	5-1/2	3325	1850	Halliburton		

## RECORD OF PRODUCTION AND STIMULATION

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

Treated perforations from 3146' - 3232' with a total of 1000 gallons break down acid.

Result of Production Stimulation Stripped 35 bbls. of 29.5 gravity oil and no water in 2 hours.

Orig &amp; 3661 OCG

cc: OGS, HFD, File

Depth Cleaned Out

RECORD OF DRILL-STEM AND SPECIAL TESTS

If drill-stem or other special tests or deviation surveys were made, submit report on separate sheet and attach hereto

TOOLS USED

Rotary tools were used from 0 feet to 3,325 feet, and from feet to feet.  
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to Producing 12/5/1959  
OIL WELL: The production during the first 24 hours was 586 barrels of liquid of which 100% was oil; 0% was emulsion; 0% water; and 0% was sediment. A.P.I. Gravity 29.3  
GAS WELL: The production during the first 24 hours was M.C.F. plus barrels of liquid Hydrocarbon. Shut in Pressure lbs.  
Length of Time Shut in

PLEASE INDICATE BELOW FORMATION TOPS (IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE):

Southeastern New Mexico		Northwestern New Mexico	
T. Anhy 275	T. Devonian	T. Ojo Alamo	
T. Salt 1272	T. Silurian	T. Kirtland-Fruitland	
B. Salt	T. Montoya	T. Farmington	
T. Yates 2916	T. Simpson	T. Pictured Cliffs	
T. 7 Rivers 3235	T. McKee	T. Menefee	
T. Queen	T. Ellenburger	T. Point Lookout	
T. Grayburg	T. Gr. Wash	T. Mancos	
T. San Andres	T. Granite	T. Dakota	
T. Glorieta	T.	T. Morrison	
T. Drinkard	T.	T. Penn	
T. Tubbs	T.	T.	
T. Abo	T.	T.	
T. Penn	T.	T.	
T. Miss	T.	T.	

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	275	275	Red beds & shells				
275	1272	997	Anhydrite & Gypsum				
1272	2828	1556	Salt and anhydrite				
2828	3325	1497	Lime				

ATTACH SEPARATE SHEET IF ADDITIONAL SPACE IS NEEDED

I hereby swear or affirm that the information given herewith is a complete and correct record of the well and all work done on it so far as can be determined from available records.

Company or Operator Sinclair Oil & Gas Company Address 520 East Broadway, Hobbs, New Mexico  
Name C. C. Salter Position or Title District Superintendent  
12/9/59 (Date)

Submit 3 Copies  
to Appropriate  
District Office

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-103  
Revised 1-1-89

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

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

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

**OIL CONSERVATION DIVISION**  
310 Old Santa Fe Trail, Room 206  
Santa Fe, New Mexico 87503

WELL API NO. 30-025-31856
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. E-3441
7. Lease Name or Unit Agreement Name Anasazi 16 State
8. Well No. 1
9. Pool name or Wildcat Wildcat Bone Springs

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)	
1. Type of Well: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>	
2. Name of Operator Snyder Ranch, Inc.	
3. Address of Operator P.O. Box 2158 Hobbs, New Mexico 88240	
4. Well Location Unit Letter <u>G</u> : <u>1730</u> Feet From The <u>North</u> Line and <u>1980</u> Feet From The <u>East</u> Line Section <u>16</u> Township <u>20 S</u> Range <u>33 E</u> NMPM <u>Lea</u> County	
10. Elevation (Show whether DF, RKB, RT, GR, etc.) 3539' GL/3557' KB	

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data	
<b>NOTICE OF INTENTION TO:</b>	<b>SUBSEQUENT REPORT OF:</b>
PERFORM REMEDIAL WORK <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>
OTHER: <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
	CASING TEST AND CEMENT JOB <input type="checkbox"/>
	OTHER: Not to P & A. Put well on pump <input checked="" type="checkbox"/>

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

\*\* Mitchell Energy sent an Intent to P/A dated 12-7-93.  
Snyder Ranches bought the well & decided to put well on production  
as follows:

11-3-94 MI & RU rental Equipment. POOH w/ Rods, pmp & tbg.  
11-4-94 GIH w/ 2 7/8" tbg to 5000'. Set anchor. ND bop. NU wellhead.  
11-5-95 Put well on production. Test well for Economics.

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

SIGNATURE [Signature] TITLE Agent DATE 3-22-95  
TYPE OR PRINT NAME N.M. Young TELEPHONE NO. \_\_\_\_\_

(This space for State Use)

ORIGINAL SIGNED BY  
GARY WINK  
FIELD REP. II

MAR 27 1995

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY: \_\_\_\_\_

Submit to Appropriate  
District Office  
State Lease - 6 copies  
Fee Lease - 5 copies  
DISTRICT I  
P.O. Box 1980, Hobbs, NM 88240

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

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

State of New Mexico  
Energy, Minerals and Natural Resources Department

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

Form C-105  
Revised 1-1-89

WELL API NO. 30-025-31856
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. E-3441

<b>WELL COMPLETION OR RECOMPLETION REPORT AND LOG</b>					
1a. Type of Well: <input checked="" type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> OTHER _____				7. Lease Name or Unit Agreement Name  Anasazi 16 State #1	
b. Type of Completion: NEW WELL <input type="checkbox"/> WORK OVER <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF RESVR <input type="checkbox"/> OTHER _____				8. Well No. 1	
2. Name of Operator Snyder Ranch, Inc.				9. Pool name or Wildcat WildCat Bone Springs	
3. Address of Operator P.O. Box 2158 Hobbs, New Mexico 88240					
4. Well Location Unit Letter <u>G</u> : <u>1730</u> Feet From The <u>North</u> Line and <u>1980</u> Feet From The <u>East</u> Line Section <u>16</u> Township <u>20 S</u> Range <u>33 E</u> NMPM Lea County					
10. Date Spudded 5-28-93	11. Date T.D. Reached 7-5-93	12. Date Compl. (Ready to Prod.) 11-5-94	13. Elevations (DF & RKB, RT, GR, etc.) 3557' KB	14. Elev. Casinghead 3539'	
15. Total Depth 13858	16. Plug Back T.D. 11558'	17. If Multiple Compl. How Many Zones?	18. Intervals Drilled By Rotary Tools all	Cable Tools	
19. Producing Interval(s), of this completion - Top, Bottom, Name 9306-9352' Bone Springs.				20. Was Directional Survey Made NO	
21. Type Electric and Other Logs Run DLL/Micro & D-N/ w/GR.				22. Was Well Cored no	
23. <b>CASING RECORD (Report all strings set in well)</b>					
CASING SIZE	WEIGHT LB/FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
20	94	497	26	900 sks	none
13 3/8	68	2964	17 1/2	2100 sks	none
8 5/8	32	5299	12 1/4	1150 sks	none
5 1/2	17	13858	7 7/8	1200 sks	none
24. <b>LINER RECORD</b>					
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	
25. <b>TUBING RECORD</b>					
SIZE	DEPTH SET	PACKER SET			
2 7/8	5000	5000 (TAC)			
26. Perforation record (interval, size, and number) 9306-9352(93 Holes)			27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.		
			DEPTH INTERVAL		
			AMOUNT AND KIND MATERIAL USED		
28. <b>PRODUCTION</b>					
Date First Production 11-6-94		Production Method (Flowing, gas lift, pumping - Size and type pump) Rod Pump (2 1/2 x 1 1/2)			Well Status (Prod. or Shut-in) Producing
Date of Test 1-15-95	Hours Tested 24	Choke Size n/a	Prod'n For Test Period Oil - Bbl. 2.5	Gas - MCF TSTM	Water - Bbl. 1
Flow Tubing Press. n/a	Casing Pressure n/a	Calculated 24-Hour Rate	Oil - Bbl. 2.5	Gas - MCF TSTM	Water - Bbl. 1
29. Disposition of Gas (Sold, used for fuel, vented, etc.) Used on lease (if any).				Test Witnessed By N.M. Young	
30. List Attachments C-104 & c-103					
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					
Signature <u>N.M. Young</u>		Printed Name <u>N.M. Young</u>		Title <u>Agent</u>	Date <u>3-22-95</u>

# INSTRUCTIONS

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

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

## Southeastern New Mexico

## Northwestern New Mexico

Anhy	T. Canyon	T. Ojo Alamo	T. Penn. "B"
Salt	T. Strawn 12300	T. Kirtland-Fruitland	T. Penn. "C"
Salt	T. Atoka 12860	T. Pictured Cliffs	T. Penn. "D"
Yates	T. Miss	T. Cliff House	T. Leadville
7 Rivers	T. Devonian	T. Menefee	T. Madison
Queen	T. Silurian	T. Point Lookout	T. Elbert
Grayburg	T. Montoya	T. Mancos	T. McCracken
San Andres 5178	T. Simpson	T. Gallup	T. Ignacio Otzte
Glorieta	T. McKee	Base Greenhorn	T. Granite
Paddock	T. Ellenburger	T. Dakota	T.
Blinebry	T. Gr. Wash	T. Morrison	T.
Tubb	T. Delaware Sand 5468	T. Todilto	T.
Drinkard	T. Bone Springs 8241	T. Entrada	T.
Abo	T.	T. Wingate	T.
Wolfcamp 11600	T.	T. Chinle	T.
Penn	T.	T. Permian	T.
Cisco (Bough C)	T.	T. Penn "A"	T.

## OIL OR GAS SANDS OR ZONES

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

## IMPORTANT WATER SANDS

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

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

## LITHOLOGY RECORD (Attach additional sheet if necessary)

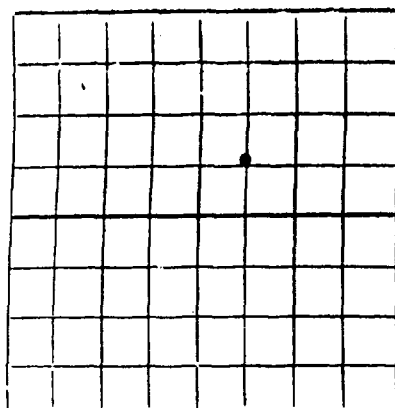
From	To	Thickness in Feet	Lithology	From	To	Thickness in Feet	Lithology
							<p><b>RECEIVED</b></p> <p>APR 23 1995</p> <p>U.S. COAST &amp; GEOD. SURV. HOBBBS OFFICE</p>

**RECEIVED**

23 1995

U. S. HOBBS  
OFFICE



AREA 640 ACRES  
LOCATE WELL CORRECTLYDUPLICATE  
NEW MEXICO OIL CONSERVATION COMMISSION  
Santa Fe, New Mexico

## WELL RECORD

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

Cities Service Oil Co. State BF  
(Company or Operator) (Lease)

Well No. 1, in SW 1/4 of NE 1/4, of Sec. 16, T. 20, R. 33, NMPM.  
Teas Pool, Lea County.

Well is 1980 feet from North line and 1980 feet from East line  
of Section 16-20-33. If State Land the Oil and Gas Lease No. is E 3441

Drilling Commenced May 3, 1960 Drilling was Completed May 16, 1960

Name of Drilling Contractor Cactus Drilling Co.

Address 905 South Cecil, Hobbs, New Mexico

Elevation above sea level at Top of Tubing Head 3543 The information given is to be kept confidential until  
1960

## OIL SANDS OR ZONES

No. 1, from 3096 to 3202 No. 4, from - to -  
No. 2, from - to - No. 5, from - to -  
No. 3, from - to - No. 6, from - to -

## IMPORTANT WATER SANDS

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

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

## CASING RECORD

SIZE	WEIGHT PER FOOT	NEW OR USED	AMOUNT	KIND OF SHOE	CUT AND PULLED FROM	PERFORATIONS	PURPOSE
9 5/8"	32.3-36	New	1223.45	Baker	-	-	Surface
7"	20	New-used	2961.50	Baker	-	-	Surface
5"	13-15	New	347.55	Brown	-	(6) 3166'-3208.5 (40) 3096'-3106' (32) 3194'-3202'	Production

## MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. BAGS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
12 1/2"	9 5/8"	1236.45	600	Plug	-	-
8 3/4"	7"	2969.50	800	Plug	-	-
6 1/8"	5"	3274.82	50	Plug	-	-

## RECORD OF PRODUCTION AND STIMULATION

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

(1) Acidized w/500 gallon-fraced w/5000 gal. & 5000 pound sand  
(2) Acidized w/500 gallon-fraced w/5000 gal. & 5000 pounds sand  
(3) Acidized w/500 gallon 25% acid; 1000 gallon retarded acid; 10,000  
gallon & 10,000 pound sand

Result of Production Stimulation (1) recovered load; (2) recovered load; (3) recovered load  
Pumped potential 51.04 barrels oil, 28.71 barrels water, 24 hrs.  
36" stroke, 14S, P.M., GORTSTM Gr. 33° Depth Cleaned Out 3202'

RECORD OF DRILL-STEM AND SPECIAL TESTS

If drill-stem or other special tests or deviation surveys were made, submit report separate sheet and attach hereto

TOOLS USED

Rotary tools were used from 0 feet to 3278 feet, and from - feet to - feet.  
Cable tools were used from - feet to - feet, and from - feet to - feet.

PRODUCTION

Put to Producing July 24, 1960.

OIL WELL: The production during the first 24 hours was 79.75 barrels of liquid of which 64% was oil; -% was emulsion; 36% water; and -% was sediment. A.P.I. Gravity 33° @ 60

GAS WELL: The production during the first 24 hours was - M.C.F. plus - barrels of liquid Hydrocarbon. Shut in Pressure - lbs.  
Length of Time Shut in -

PLEASE INDICATE BELOW FORMATION TOPS (IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE):

Southeastern New Mexico		Northwestern New Mexico	
T. Anhy. 1257 + 2292	T. Devonian	T. Ojo Alamo	
T. Salt	T. Silurian	T. Kirtland-Fruitland	
B. Salt. Base 2805 + 744	T. Montoya	T. Farmington	
T. Yates 2982 + 567	T. Simpson	T. Pictured Cliffs	
T. 7 Rivers (Dolo.) 3266 + 283	T. McKee	T. Menefee	
T. Queen	T. Ellenburger	T. Point Lookout	
T. Grayburg	T. Gr. Wash	T. Mancos	
T. San Andres	T. Granite	T. Dakota	
T. Glorieta	T.	T. Morrison	
T. Drinkard	T.	T. Penn	
T. Tubbs	T.	T.	
T. Abo	T.	T.	
T. Penn	T.	T.	
T. Miss	T.	T.	

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	41	41	Sand, Surface Rock				
41	843	802	Red Bed				
843	967	124	Anhydrite				
967	1020	53	Shale				
1020	1244	224	Anhydrite-Shale				
1244	1399	155	Anhydrite				
1399	2845	1446	Salt, Anhydrite				
2845	2951	106	Anhydrite, Gyp				
2951	3040	89	Anhydrite				
3040	3278	238	Dolomite, Sand				
			3278' = TD				
			3203' = PBD				

ATTACH SEPARATE SHEET IF ADDITIONAL SPACE IS NEEDED

I hereby swear or affirm that the information given herewith is a complete and correct record of the well and all work done on it so far as can be determined from available records.

Company or Operator Citles Service Oil Co. Address Box 97, Hobbs, New Mexico  
Name George M. Geyer Position or Title District Superintendent  
7-25-60 (Date)

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

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

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

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

WELL API NO.	30-025-30543
5. Indicate Type of Lease	STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.	
7. Lease Name or Unit Agreement Name	Snyder-State
8. Well No.	1
9. Pool name or Wildcat	West Teas-Yates/SR
10. Elevation (Show whether DF, RKB, RT, GR, etc.)	3550' GR

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

1. Type of Well: OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER Dry Hole	2. Name of Operator Olsen Energy Inc.
3. Address of Operator 16414 San Pedro, Suite 470, San Antonio, Tx 78232	4. Well Location Unit Letter H : 660 Feet From The East Line and 1980 Feet From The North Line Section 16 Township 20-S Range 33-E NMPM Lea County
10. Elevation (Show whether DF, RKB, RT, GR, etc.) 3550' GR	

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data	
<b>NOTICE OF INTENTION TO:</b>	<b>SUBSEQUENT REPORT OF:</b>
PERFORM REMEDIAL WORK <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>
OTHER: <input type="checkbox"/>	PLUG AND ABANDONMENT <input checked="" type="checkbox"/>
	CASING TEST AND CEMENT JOB <input type="checkbox"/>
	OTHER: <input type="checkbox"/>

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

3-2-89. Log at 3429' TD

3-3-89. Run drill pipe to TD. R.U. Western. Pump 148 Sxs Class "H" w/2% CaCl<sub>2</sub> P.U. to 2933'. Circ. and W.O.C. 4 hrs. G.I.H. to 3057'. Did not tag cement. P.U. and circ. 2 hrs. G.I.H. Tag cement at 3271' (240' low). Pump 10 sxs Class "H" w/2% CaCl<sub>2</sub> & 195 sxs Class "H" w/18% salt. P.U. and W.O.C. 4 hrs. Tag cement at 2718'. Pump 195 sxs. Class "H" w/18% salt. P.U. to 2132'. Pump 195 sxs Class "H" w/18% salt. Pull up to 1576'. Pump 195 sxs Class "H" w/18% salt. Pull out of hole. W.O.C. 6 hrs. Tag cement at 801'. Lay down drill pipe. Put 10 sxs plug at surface. Cut off casing. Weld on plate and install dry hole marker.

6-12 &

6-26-89 Back-fill pits. Level and clean location. Ready for inspection.

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

SIGNATURE Dick Morton TITLE Drilg. & Prod. Mgr. DATE 7-12-89  
TYPE OR PRINT NAME Dick Morton TELEPHONE NO. 512/496-2466

(This space for State Use)

APPROVED BY [Signature] TITLE Oil & Gas Inspector DATE AUG 18 1989  
CONDITIONS OF APPROVAL, IF ANY:

Submit to:  
District Office  
State Lease - 6 copies  
Fee Lease - 5 copies  
DISTRICT I  
P.O. Box 1910, Hobbs, NM 88240

DISTRICT II  
P.O. Drawer 919, Artesia, NM 88210

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

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form O-105  
Revised 1-1-89

OIL CONSERVATION DIVISION

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

WELL API NO.

30-025-30543

5. Indicate Type of Lease

STATE ☒

FEE ☐

6. State Oil & Gas Lease No.

7. Lease Name or Unit Agreement Name

Snyder-State

8. Well No.

1

9. Pool name or Wildcat

West Teas - Yates/SR

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well:

OIL WELL ☐ GAS WELL ☐ DRY ☒ OTHER ☐

b. Type of Completion:

NEW WELL ☐ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF RESVR ☐ OTHER ☐

2. Name of Operator

OLSEN ENERGY, INC

3. Address of Operator

16414 San Pedro, Suite 470, San Antonio, Texas 78232

4. Well Location

Unit Letter H : 660 Feet From The East Line and 1980 Feet From The North Line

Section 16 Township 20-S Range 33-E NMPM Lea County

10. Date Spudded

2-22-89

11. Date T.D. Reached

3-1-89

12. Date Compl. (Ready to Prod.)

P&A 3-3-89

13. Elevations (DF& RKB, RT, GR, etc.)

3550 GR

14. Elev. Casinghead

15. Total Depth

3429

16. Plug Back T.D.

17. If Multiple Compl. How Many Zones?

18. Intervals Drilled By

Rotary Tools

0-TD

Cable Tools

19. Producing Interval(s), of this completion - Top, Bottom, Name

20. Was Directional Survey Made

No

21. Type Electric and Other Logs Run

Z-Density/Neutron & DLL/MLL

22. Was Well Cored

No

23.

CASING RECORD (Report all strings set in well)

CASING SIZE

8 5/8"

WEIGHT LB/FT.

24

DEPTH SET

1259

HOLE SIZE

12 1/4

CEMENTING RECORD

540 sxs Prem. w/3%

AMOUNT PULLED

None

Gel & 2% CaCl<sub>2</sub> + 100

Circ cmt

sxs Class "C" w/2%

CaCl<sub>2</sub>

24. LINER RECORD

25. TUBING RECORD

SIZE TOP BOTTOM SACKS CEMENT SCREEN SIZE DEPTH SET PACKER SET

26. Perforation record (interval, size, and number)

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.

DEPTH INTERVAL

AMOUNT AND KIND MATERIAL USED

28. PRODUCTION

Date First Production

Production Method (Flowing, gas lift, pumping - Size and type pump)

Well Status (Prod. or Shut-in)

Date of Test Hours Tested Choke Size Prod'n For Test Period Oil - Bbl Gas - MCF Water - Bbl Gas - Oil Ratio

Flow Tubing Press. Casing Pressure Calculated 24-Hour Rate Oil - Bbl Gas - MCF Water - Bbl Oil Gravity - API - (Corr.)

29. Disposition of Gas (Sold, used for fuel, vented, etc.)

Test Witnessed By

30. List Attachments

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

Signature

Printed Name

Dick Morton

Title Dr'lg & Prod'n Date 7-24-89

# 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 quadruplicate 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

T. Anhy	1200	T. Canyon	
T. Salt	1630	T. Strawn	
B. Salt	2910	T. Atoka	
T. Yates	3014	T. Miss	
T. 7 Rivers	3300	T. Devonian	
T. Queen		T. Silurian	
T. Grayburg		T. Montoya	
T. San Andres		T. Simpson	
T. Glorieta		T. McKee	
T. Paddock		T. Ellenburger	
T. Blinbry		T. Gr. Wash	
T. Tubb		T. Delaware Sand	
T. Drinkard		T. Bone Springs	
T. Abo		T.	
T. Wolfcamp		T.	
T. Penn		T.	
T. Cisco (Bough C)		T.	

### Northwestern New Mexico

T. Ojo Alamo	T. Penn. "B"
T. Kirtland-Fruitland	T. Penn. "C"
T. Pictured Cliffs	T. Penn. "D"
T. Cliff House	T. Leadville
T. Menefee	T. Madison
T. Point Lookout	T. Elbert
T. Mancos	T. McCracken
T. Gallup	T. Ignacio Otzte
Base Greenhorn	T. Granite
T. Dakota	T.
T. Morrison	T.
T. Todilto	T.
T. Entrada	T.
T. Wingate	T.
T. Chinle	T.
T. Permian	T.
T. Penn "A"	T.

## OIL OR GAS SANDS OR ZONES

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

## IMPORTANT WATER SANDS

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

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

## LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness in Feet	Lithology	From	To	Thickness in Feet	Lithology
0	1200	1200	Surface & Red Beds				
1200	1630	430	Anhy				
1630	2910	1280	Salt & Anhy				
2910	3040	130	Dolo & Anhy				
3040	3300	260	Sand & Dolo				
3300	3429	129	Dolo				

JUL 27 1950

Submit 3 Copies  
to Appropriate  
District Office

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-103  
Revised 1-1-89

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

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

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

OIL CONSERVATION DIVISION

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

WELL API NO.

30-025-30543

5. Indicate Type of Lease

STATE ☒

FEE ☐

6. State Oil & Gas Lease No.

7. Lease Name or Unit Agreement Name

Snyder- State

8. Well No.

9. Pool name or Wildcat

West Teas-Yates/SR

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

1. Type of Well:

OIL  
WELL ☐

GAS  
WELL ☐

OTHER Dry Hole

2. Name of Operator

OLSEN ENERGY, INC.

3. Address of Operator

16414 San Pedro, Suite 470, San Antonio, Texas 78232

4. Well Location

Unit Letter H : 660 Feet From The East Line and 1980 Feet From The North Line

Section 16 Township 20-S Range 33-E NMPM Lea County

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

3550' GR

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

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐

PLUG AND ABANDON ☐

TEMPORARILY ABANDON ☐

CHANGE PLANS ☐

PULL OR ALTER CASING ☐

OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐

COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☒

CASING TEST AND CEMENT JOB ☐

OTHER: ☐

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

Run drill pipe open ended to TD at 3432'. Pump 148 sxs Class "H" w/ 2% CaCl<sub>2</sub>. POOH to 2933'. Circ & WOC 4 hrs. Attempt to tag plug. Didn't tag. PU, circ & WOC 2 hrs. GIH. Tag plug at 3271' (240' low). Pump 10 sxs Class "H" w/2% CaCl<sub>2</sub> plus 195 sxs Class "H" w/18% salt. P.U. Circ & WOC 4 hrs. Tag Plug at 2718'. Pump 195 sxs Class "H" w/18% salt. P.U. to 2132'. Pump 195 sxs Class "H" w/18% salt. P.U. to 1576'. Pump 195 sxs Class "H" w/18% salt. P.U. circ & WOC 6 hrs. Tag plug at 801' (8 5/8" casing at 1259'). POOH. Put 10 sx plug at surface. Cut 8 5/8" off 2' below G. L. Weld on plate & dry hole marker. P&A operation started 3-1-89. Complete 3-2-89. Plugging Operation witnessed by State Inspector.

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

SIGNATURE Dick Morton TITLE Drilling & Production Manager DATE 3/6/89

TYPE OR PRINT NAME Dick Morton TELEPHONE NO. 512-496-2466

(This space for State Use)

ORIGINAL SIGNED BY JERRY SEXTON  
DISTRICT I SUPERVISOR

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

MAR 13 1989

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

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

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

Form C-103  
Revised 10-1-78

5a. Indicate Type of Lease State <input type="checkbox"/> Fee <input checked="" type="checkbox"/>	
5. State Oil & Gas Lease No. -	
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	
7. Unit Agreement Name -	
8. Farm or Lease Name Snyder	
9. Well No. 1	
10. Field and Pool, or Wildcat West Teas Yates XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	
12. County Lea	XXXXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXXXX

SUNDRY NOTICES AND REPORTS ON WELLS  
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT-" (FORM C-1011 FOR SUCH PROPOSALS.)

. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER	
. Name of Operator Read & Stevens, Inc.	
. Address of Operator P.O. Box 1518, Roswell, NM 88201	
. Location of Well UNIT LETTER <u>J</u> . <u>2310</u> FEET FROM THE <u>East</u> LINE AND <u>2310</u> FEET FROM THE <u>South</u> LINE. SECTION <u>16</u> TOWNSHIP <u>20S</u> RANGE <u>33E</u> NMPM XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	
5. Elevation(Show whether DF,RT,GR,etc.) 3542.0' GL	

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

PERFORM REMEDIAL WORK	<input type="checkbox"/>	PLUG AND ABANDON	<input type="checkbox"/>
TEMPORARILY ABANDON	<input type="checkbox"/>	CHANGE PLANS	<input type="checkbox"/>
PULL OR ALTER CASING	<input type="checkbox"/>		
OTHER	<input type="checkbox"/>		

SUBSEQUENT REPORT OF:

REMEDIAL WORK	<input type="checkbox"/>	ALTERING CASING	<input type="checkbox"/>
COMMENCE DRILLING OPNS.	<input type="checkbox"/>	PLUG AND ABANDONMENT	<input checked="" type="checkbox"/>
CASING TEST AND CEMENT JOB	<input type="checkbox"/>		
OTHER	<input type="checkbox"/>		

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

9-1-83 Set CIPB 3050'. Prep to spot cmt.  
9-2-83 Pumped 105BBLs mud @ 3050', pump 25sx cmt on vacuum, SD 4hrs @ 3050', pump 15sx cmt pressured up, broke circ, pull tubing, spot 35sx @ 2700'.  
9-6-83 Tag @ 2410', 35sx plug set @ 1456'-1356', 10sx surface plug w/Dryhole marker.  
Cleaning up location. Will Notify when ready for inspection.

hereby certify that the information above is true and complete to the best of my knowledge and belief.  
SIGNED Steve Stobbs TITLE Drilling & Production Manager DATE 9-8-83  
APPROVED BY David Cantamano TITLE OIL & GAS INSPECTOR DATE APR 2 1984  
CONDITIONS OF APPROVAL, IF ANY:

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

Form C-105  
Revised 10-1-78

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

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

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

## 1a. TYPE OF WELL

OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER \_\_\_\_\_

## b. TYPE OF COMPLETION

NEW WORK WELL ☐ OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☒ OTHER \_\_\_\_\_

7. Unit Agreement Name -
-----------------------------

8. Farm or Lease Name Snyder
---------------------------------

## 2. Name of Operator

Read &amp; Stevens, Inc.

9. Well No. 1
------------------

## 3. Address of Operator

P.O. Box 1518, Roswell, NM 88201

10. Field and Pool, or Wildcat West Teas Yates
---

## 4. Location of Well

UNIT LETTER J LOCATED 2310 FEET FROM THE East LINE AND 2310 FEET FROM

XXXXXXXXXXXXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXXXXXXXXXXXX
--

THE South LINE OF SEC. 16 TWP. 20S RGE. 33E NMPM

XXXXXXXXXXXXXXXXXXXXXXXXXXXX

12. County  
Lea

15. Date Spudded 10-9-64	16. Date T.D. Reached 10-29-64	17. Date Comp. (Ready to Prod.) 9-30-82	18. Elevations (DF, RKB, RT, GR, etc.) 3542' GR	19. Elev. Casinghead -
-----------------------------	-----------------------------------	--	--	---------------------------

20. Total Depth 3230'	21. Plug Back T.D. 3217'	22. If Multiple Compl., How Many -	23. Intervals Drilled By 0-1262'	Rotary Tools 1262'-3230'	Cable Tools
--------------------------	-----------------------------	---------------------------------------	-------------------------------------	-----------------------------	-------------

## 24. Producing Interval(s), of this completion-Top, Bottom, Name

3098'-3116' Yates

25. Was Directional Survey Made No
---------------------------------------

## 26. Type Electric and Other Logs Run

GR, Sonic, Calliper

27. Was Well Cored NO
--------------------------

## 28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8"	24#	1262'	11"	375sx	
7"	23#	2886'	8"	25sx & 225sx	

## 29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
4 1/2"	2636'	3222'	65sx	-	2 3/8" & 7/8"	3090, 23'	-

## 31. Perforation Record (Interval, size and number)

3222'-3230'-open hole.  
3098'-3116', 2 shots/1'. 36 holes

## 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
3222'-3230'	200sx Class "C" cement squeeze
3098'-3116'	2000gal MOD 202, 30,000gal gelled wtr
	30,000gal CO <sub>2</sub> & 67,000# 8-12 mesh sd.

## 33. PRODUCTION

Date First Production 9-26-82	Production Method (Flowing, gas lift, pumping-Size and type pump Pumping 2"X1 1/2"X16' RWBC				Well Status (Prod. or Shut-In) Producing	
Date of Test 9-30-82	Hours Tested 24	Choke Size -	Prod'n For Test Period 8	Oil-Bbl. 15	Gas-MCF 2	Water-Bbl. 1.875 MCF/BBL
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil-Bbl. 8	Gas-MCF 15	Water Bbl. 2	Oil Gravity-API (Corr.) -

## 34. Disposition of Gas (Sold, used for fuel, vented, etc.)

Vented

Test Witnessed By  
Dan Lough

## 35. List of Attachments

None

36. 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

SIGNED B. Stables TITLE Drilling & Production Manager DATE 10-1-82



# INSTRUCTIONS

This form is to be filled with the appropriate District Office of the Commission 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 30 through 34 shall be reported for each zone. The form is to be filled in quintuplicate except on state land, where 50 copies are required. See Rule 1105.

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

Southeastern New Mexico

Northwestern New Mexico

T. Anyh	1253'	T. Canyon	T. Ojo Alamo	T. Penn. "B"	T. Penn. "B"
T. Salt	1458'	T. Strawn	T. Kirtland-Fruitland	T. Penn. "C"	T. Penn. "C"
B. Salt	2785'	T. Atoka	T. Pictured Cliffs	T. Penn. "D"	T. Penn. "D"
T. Yates	2984'	T. Miss	T. Cliff House	T. Leadville	T. Leadville
T. 7 Rivers	3220'	T. Devonian	T. Menefee	T. Madison	T. Madison
T. Queen		T. Silurian	T. Point Lookout	T. Elbert	T. Elbert
T. Grayburg		T. Montoya	T. Mancos	T. McCracken	T. McCracken
T. San Andres		T. Simpson	T. Gallup	T. Ignacio Qtzite	T. Ignacio Qtzite
T. Glorieta		T. McKee	Base Greenhorn	T. Granite	T. Granite
T. Paddock		T. Ellenburger	T. Dakota		
T. Blinberry		T. Gr. Wash	T. Morrison		
T. Tubb		T. Granite	T. Todilto		
T. Drinkard		T. Delaware Sand	T. Entrada		
T. Abo		T. Bone Springs	T. Wingate		
T. Wolfcamp			T. Chinle		
T. Penn.			T. Permian		
T. Cisco (Boughc)			T. Penn "A"		

## OIL OR GAS SAND OR ZONES

No. 1, from.....to.....  
 No. 2, from.....to.....  
 No. 3, from.....to.....  
 No. 4, from.....to.....  
 No. 5, from.....to.....  
 No. 6, from.....to.....  
 IMPORTANT WATER SANDS  
 Include data on rate of water inflow and elevation to which water rose in hole.  
 No. 1, from.....to.....  
 No. 2, from.....to.....  
 No. 3, from.....to.....  
 No. 4, from.....to.....  
 No. 5, from.....to.....  
 No. 6, from.....to.....  
 FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	1248'	1248'	Red Bed.				
1248'	1340'	92'	Anhydrite.				
1340'	2810'	1470'	Salt & Anhydrite.				
2810'	3095'	285'	Lime.				
3095'	3230'	135'	Sand & Lime.				



# RECORD OF DRILL-STEM AND SPECIAL TESTS

If drill-stem or other special tests or deviation surveys were made, submit report on separate sheet and attach hereto

## TOOLS USED

Rotary tools were used from Surface feet to 1262' feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet.  
Cable tools were used from 1262' feet to 3230' feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet.

## PRODUCTION

Put to Producing November 2, 1964

OIL WELL: The production during the first 24 hours was 48 barrels of liquid of which 98.75 % was  
was oil; \_\_\_\_\_ % was emulsion; 1 % water; and 1/2 % was sediment. A.P.I.  
Gravity 32

GAS WELL: The production during the first 24 hours was \_\_\_\_\_ M.C.F. plus \_\_\_\_\_ barrels of  
liquid Hydrocarbon. Shut in Pressure \_\_\_\_\_ lbs.

Length of Time Shut in \_\_\_\_\_

PLEASE INDICATE BELOW FORMATION TOPS (IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE):

Southeastern New Mexico			Northwestern New Mexico		
T. Anhy.	<u>1253'</u>		T. Devonian		T. Ojo Alamo
T. Salt	<u>1458'</u>		T. Silurian		T. Kirtland-Fruitland
B. Salt	<u>2785'</u>		T. Montoya		T. Farmington
T. Yates	<u>2984'</u>		T. Simpson		T. Pictured Cliffs
T. 7 Rivers	<u>3220'</u>		T. McKee		T. Menefee
T. Queen			T. Ellenburger		T. Point Lookout
T. Grayburg			T. Gr. Wash		T. Mancos
T. San Andres			T. Granite		T. Dakota
T. Glorieta			T. D. <u>3230'</u>		T. Morrison
T. Drinkard			T. _____		T. Penn.
T. Tubbs			T. _____		T. _____
T. Abo			T. _____		T. _____
T. Penn.			T. _____		T. _____
T. Miss.			T. _____		T. _____

## FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	480	480	Red bed	1770	1820	50	Salt
480	655	175	Red bed and shells	1820	1885	65	Salt
655	795	140	Sand, shale	1885	1900	15	Anhydrite
795	1055	260	Red sand	1900	2665	765	Salt
1055	1185	130	Red Bed	2665	2680	15	Anhydrite
1185	1248	63	Red Shale	2680	2810	130	Anhydrite
1248	1262	14	Anhydrite, salt, Shale	2810	2900	90	Anhydrite
1262	1295	33	Anhydrite and lime	2900	2995	95	Lime, sand, shale
1295	1340	45	Anhydrite	2995	3035	40	Lime
1340	1370	30	Lime	3035	3045	10	Lime, sand, shale
1370	1380	10	Anhydrite	3045	3055	10	Sandy shale
1380	1420	40	Salt, white	3055	3095	40	Lime
1420	1445	25	White	3095	2110	15	Sandy lime oil
1445	1520	75	Anhydrite	3110	3130	20	sand
1520	1535	15	Red Shale	3130	3140	10	Lime
1535	1545	10	Salt	3140	3150	10	Sandy lime and shale
1545	1565	20	Anhydrite, Shale	3150	3180	30	Lime
1565	1605	40	Salt, Shale	3180	3205	25	Sandy Dolomite
1605	1640	35	Anhydrite, Shale, Salt, St.	3205	3210	5	Sand
1640	1690	50	Salt and Shale	3210	3225	15	Sandy Dolomite
1690	1755	65	Salt and Anhydrite	3225	3230	5	Sand Oil
1755	1770	15	Anhydrite				

ATTACH SEPARATE SHEET IF ADDITIONAL SPACE IS NEEDED

I hereby swear or affirm that the information given herewith is a complete and correct record of the well and all work done on it so far as can be determined from available records.

L. Parker Skel Nov. 13, 1964  
(Date)

Company or Operator Shoreline Exploration Co.

Address 1117 Fort Worth National Bank Bldg.

Name \_\_\_\_\_

Fort Worth, Texas  
Position or Title Vice-resident

Submit to Appropriate  
District Office  
State Lease - 6 copies  
Fee Lease - 5 copies  
DISTRICT I

P.O. Box 1980, Hobbs, NM 88240

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

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

State of New Mexico  
Energy, Minerals and Natural Resources Department

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

Form C-105  
Revised 1-1-89

WELL API NO.  
30-025-32779

5. Indicate Type of Lease  
STATE ☒ FEE ☐

6. State Oil & Gas Lease No.  
E-3441

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

1a. Type of Well:  
OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐

b. Type of Completion:  
NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF RESVR ☐ OTHER ☐

2. Name of Operator  
Stevens & Tull, Inc.

3. Address of Operator  
P. O. Box 11005, Midland, Texas 79702

4. Well Location  
Unit Letter L : 2310 Feet From The South Line and 990 Feet From The West Line  
Section 16 Township 20S Range 33E NMPM Lea County

10. Date Spudded 12/20/94 11. Date T.D. Reached 12/28/94 12. Date Compl. (Ready to Prod.) 1/13/95 13. Elevations (DF & RKB, RT, GR, etc.) 3533 GR 14. Elev. Casinghead 3535

15. Total Depth 3300 16. Plug Back T.D. 3242 17. If Multiple Compl. How Many Zones? N/A 18. Intervals Drilled By Rotary Tools ☒ Cable Tools ☐

19. Producing Interval(s), of this completion - Top, Bottom, Name 3199 - 3209 - Seven Rivers 20. Was Directional Survey Made Yes

21. Type Electric and Other Logs Run CNL - Litho - density + DIL 22. Was Well Cored No

**CASING RECORD (Report all strings set in well)**

CASING SIZE	WEIGHT LB/FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9 5/8	36.40	909	12 1/4	360 SX "C"	-0-
7	23.00	2830	8 3/4	550 SX "C"	-0-
4 1/2	11.60	3300	6 1/8	100 SX "P07"	-0-

24. LINER RECORD					25. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2 3/8	3225	None

26. Perforation record (interval, size, and number) 3199 - 3209 (40 holes) 0.75"	27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
	DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
	3199 - 3209	750 Gals - 20% NEFF

**PRODUCTION**

28. Date First Production 1/13/95		Production Method (Flowing, gas lift, pumping - Size and type pump) Pumping/Flowing 2 X 1 1/2 X 16' RWBC				Well Status (Prod. or Shut-in) Prod.	
Date of Test 1/17/95	Hours Tested 24	Choke Size N/A	Prod'n For Test Period	Oil - Bbl. 210	Gas - MCF 30	Water - Bbl. 0	Gas - Oil Ratio 143
Flow Tubing Press. N/A	Casing Pressure 40	Calculated 24-Hour Rate	Oil - Bbl. 210	Gas - MCF 30	Water - Bbl. 0	Oil Gravity - API - (Corr.) 33.4	

29. Disposition of Gas (Sold, used for fuel, vented, etc.) Vented - Currently awaiting R-O-W to GPM Test Witnessed By Roy Peugh

30. List Attachments Electric Logs, Deviation Survey

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

Signature Michael G. Mooney Printed Name Michael G. Mooney Title Engineer Date 1/18/95

# 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

T. Anhy	800	T. Canyon	
T. Salt	1350	T. Strawn	
B. Salt	2814	T. Atoka	
T. Yates	2956	T. Miss	
T. 7 Rivers	3198	T. Devonian	
T. Queen		T. Silurian	
T. Grayburg		T. Montoya	
T. San Andres		T. Simpson	
T. Glorieta		T. McKee	
T. Paddock		T. Ellenburger	
T. Blinbry		T. Gr. Wash	
T. Tubb		T. Delaware Sand	
T. Drinkard		T. Bone Springs	
T. Abo		T.	
T. Wolfcamp		T.	
T. Penn		T.	
T. Cisco (Bough C)		T.	

### Northwestern New Mexico

T. Ojo Alamo		T. Penn. "B"	
T. Kirtland-Fruitland		T. Penn. "C"	
T. Pictured Cliffs		T. Penn. "D"	
T. Cliff House		T. Leadville	
T. Menefee		T. Madison	
T. Point Lookout		T. Elbert	
T. Mancos		T. McCracken	
T. Gallup		T. Ignacio Otzte	
Base Greenhorn		T. Granite	
T. Dakota		T.	
T. Morrison		T.	
T. Todilto		T.	
T. Entrada		T.	
T. Wingate		T.	
T. Chinle		T.	
T. Permian		T.	
T. Penn "A"		T.	

### OIL OR GAS SANDS OR ZONES

No. 1, from 3006 to 3032	No. 3, from 3200 to 3236
No. 2, from 3065 to 3074	No. 4, from to

### IMPORTANT WATER SANDS

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

No. 1, from 2632 to 2646	feet 30-100 BPM - Sulfa Water
No. 2, from to	feet
No. 3, from to	feet

### LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness in Feet	Lithology	From	To	Thickness in Feet	Lithology
50	800	750	Red Beds				
800	1000	200	Anhydrite				
1000	2814	1814	Anhydrite / Salt				
2814	2956	142	Dolomite				
2956	3198	242	Sand / Dolomite				
3198	3300	102	Dolomite				

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JUL 10 1965

F. ROBES  
OFFICE

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LAND OFFICE		
OPERATOR		

# NEW MEXICO OIL CONSERVATION COMMISSION

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

5a. Indicate Type of Lease State <input checked="" type="checkbox"/> Fee <input type="checkbox"/>
5. State Oil & Gas Lease No. <b>E-4207</b>
7. Unit Agreement Name <b>none</b>
8. Farm or Lease Name <b>Snyder</b>
9. Well No. <b>2</b>
10. Field and Pool, or Wildcat <b>West Teas</b>
12. County <b>Lea</b>

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

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER- <input type="checkbox"/>
2. Name of Operator <b>Shoreline Exploration Co.</b>
3. Address of Operator <b>Box 1822, Roswell, N. M.</b>
4. Location of Well UNIT LETTER <b>M</b> <b>1090</b> FEET FROM THE <b>South</b> LINE AND <b>2310</b> FEET FROM THE <b>East</b> LINE, SECTION <b>16</b> TOWNSHIP <b>20S</b> RANGE <b>33E</b> NMPM.
15. Elevation (Show whether DF, RT, GR, etc.) <b>3542' GL</b>

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

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

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

Plugged and abandoned May 17, 1965. Cement plugs set as follows:

10 sx at surface  
25 sx 315' - 415'  
25 sx 1420' - 1520'  
25 sx 2800' - 2900'  
25 sx 3195' - 3295'

Heavy mud spotted between plugs. Installed customary 4 1/2" x 4' dry hole marker inscribed as follows:

Shoreline Exploration Co. #2 Snyder  
SW 1/4 SE 1/4 Sec. 16, T. 20 S., R. 33 E.

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

SIGNED Charles B. Read TITLE Vice-President DATE 5/27/65  
APPROVED BY John W. Runyan TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

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

Form C-105  
Revised 1-1-65

NEW MEXICO OIL CONSERVATION COMMISSION  
WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5a. Indicate Type of Lease	
State <input type="checkbox"/>	Fee <input type="checkbox"/>
5. State Oil & Gas Lease No.	
-107	

1a. TYPE OF WELL		7. Unit Agreement Name	
OIL WELL <input type="checkbox"/>	GAS WELL <input type="checkbox"/>	8. Farm or Lease Name	
NEW WELL <input type="checkbox"/>	WORK OVER <input type="checkbox"/>	9. Well No.	
DEEPEN <input type="checkbox"/>	PLUG BACK <input type="checkbox"/>	10. Field and Pool, or Wildcat	
DIFF. RESVR. <input type="checkbox"/>	OTHER <input type="checkbox"/>	12. County	

2. Name of Operator		11. State	
Moreli Corporation		12. County	
3. Address of Operator		13. Elev. Casinghead	
4. Location of Well		14. Elev. Casinghead	

UNIT LETTER (C)	LOCATED	FEET FROM THE	LINE AND	FEET FROM
THE	LINE OF SEC.	TWP.	RGE.	NMPM
15. Date Spudded	16. Date T.D. Reached	17. Date Compl. (Ready to Prod.)	18. Elevations (DF, RKB, RT, GR, etc.)	19. Elev. Casinghead

4/29/65	5/16/65	5/16/65	35.0'	XXXXXXX 3540'
---------	---------	---------	-------	---------------

20. Total Depth	21. Plug Back T.D.	22. If Multiple Compl., How Many	23. Intervals Drilled By	Rotary Tools	Cable Tools
3295'	None	None	None	None	None

24. Producing Interval(s), of this completion - Top, Bottom, Name				25. Was Directional Survey Made
None				No

26. Type Electric and Other Logs Run	27. Was Well Cored
Gauges, by Newton	No

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
0-3/4"	3.75	365'	30"	260' or, six, 40' or,	None

29. None LINER RECORD				30. None TUBING RECORD			
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET

31. Perforation Record (Interval, size and number)				32. None ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
None				None			
				DEPTH INTERVAL			
				AMOUNT AND KIND MATERIAL USED			

33. PRODUCTION

Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)				Well Status (Prod. or Shut-in)	
None		None				Plugged & Abandoned	
Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
5/17/65	3	Ball Test	None	None	None	3	None
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API (Corr.)	
None	None	None	None	None	None	None	

34. Disposition of Gas (Sold, used for fuel, vented, etc.)	Test Witnessed By
None	Kenneth Dunn

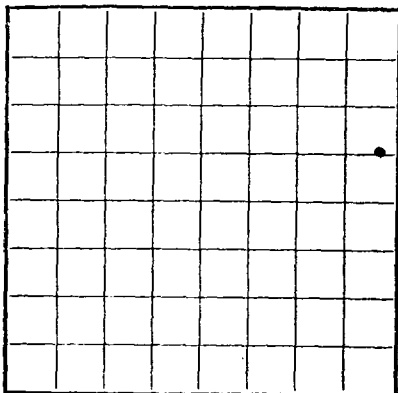
35. List of Attachments

36. 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.

SIGNED Charles B. Real TITLE V.P. DATE 5/18/65







LOCATE WELL CORRECTLY

U. S. LAND OFFICE L. C.  
SERIAL NUMBER LC-071900A  
LEASE OR PERMIT TO PROSPECT \_\_\_\_\_

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

RECEIVED  
AUG 1 1962  
U. S. GEOLOGICAL SURVEY  
ALBUQUERQUE, NEW MEXICO

LOG OF OIL OR GAS WELL

Company M. K. Byron Address 1000 N. Dal Paso - Hobbs, N. M.  
Lessor or Tract Sinclair Oil & Gas Co. Field West Texas State New Mexico  
Well No. 1 Sec. 17 T. 20 S. R. 33 E Meridian N. M. P. M. County Lea  
Location 1980 ft. N of N Line and 330 ft. E of E Line of 17 Elevation 3528  
(Derrick floor relative to sea level)

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 M. K. Byron

Date 7-30-62 Title Geologist

The summary on this page is for the condition of the well at above date.

Commenced drilling June 13, 1962 Finished drilling July 21, 1962

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

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

IMPORTANT WATER SANDS

No. 1, from No water sand tested. to \_\_\_\_\_ No. 2, from \_\_\_\_\_ to \_\_\_\_\_

No. 2, from \_\_\_\_\_ to \_\_\_\_\_ No. 3, from \_\_\_\_\_ to \_\_\_\_\_

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
8-5/8"	24.5	8	Head	124.5	12 1/2"	12 1/2"			Protect
7"	20	8	Head	291.4	12 1/2"	12 1/2"			Protect

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8"	124.5	430	BJ		none
7"	291.4	77	Cable Tools		none

PLUGS AND ADAPTERS

Heaving plug—Material \_\_\_\_\_ Length \_\_\_\_\_

Size \_\_\_\_\_

ILLEGIBLE

### Adapters—Material

Size

## SHOOTING RECORD

[illegible]

## TOOLS USED

Rotary tools were used from 0 feet to 1255 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

Cable tools were used from 1255 feet to 3286 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

## DATES

-----, 19-----

Put to producing \_\_\_\_\_, 19\_\_\_\_

The production for the first 24 hours was ----- barrels of fluid of which ----- % was oil; ----- % emulsion; ----- % water; and ----- % sediment. Gravity, °Bé. -----

If gas well, cu. ft. per 24 hours ..... Gallons gasoline per 1,000 cu. ft. of gas .....

Rock pressure, lbs. per sq. in. \_\_\_\_\_

## EMPLOYEES

-----, Driller

**John Goodwin** -----, Driller

**Earl Jones** -----, Driller

....., Driller

## FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	1255	1255	Red beds and sand.
1255	1280	25	anhydrite
1280	1350	70	salt
1350	1400	50	anhydrite
1400	1548	148	Salt, anhydrite & shale
1548	2850	1302	Salt & anhydrite
2850	2910	60	anhydrite
2910	3010	100	dolomite
3010	3286	276	sand & dolomite
Measurement from floor 2' above ground level.			
Formation Tops:			
top salt	1507		
base salt	2855		
top Yates	3008		
top 7 rivers	3256		

**[LOVE]**

16-48094-4

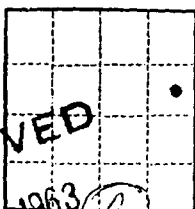
## FORNATION RECORD—Continued

(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEYLand Office La. Co.  
Lease No. 12-071900A  
Unit H

APPROVED

APR 3 1963

A. R. BRUWN  
ACTING DISTRICT ENGINEER

## SUDDRY NOTICES AND 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.....
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....	SUBSEQUENT REPORT OF ABANDONMENT.....
NOTICE OF INTENTION TO PULL OR ALTER CASING.....	SUPPLEMENTARY WELL HISTORY.....
NOTICE OF INTENTION TO ABANDON WELL.....	

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

October 4, 1962

Well No. 1 is located 1980 ft. from N line and 330 ft. from E line of sec. 17SE/4 NE/4 17  
(1/4 Sec. and Sec. No.)203  
(Twp.)33E  
(Range)N.M.P.M.  
(Meridian)

RECEIVED

West Texas  
(Field)Lea  
(County or Subdivision)New Mexico

(State or Territory)

APR 9 1963

The elevation of the derrick floor above sea level is 3520 ft.

## DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work.)

- 7-26-62. TD 3286'. Pulled 7" casing from 2800'. ~~ANK tubing to plug well, found hole bridged at 2950'.~~ Pulled tubing to 2920' and ran solid plug from 2920' to 1035'. Used 536 sacks of Pemmix, and from 1035' to ground level circulated with mud.
- 7-30-62. Strung sand line in and tagged top of cement at 1035'. a 4" marker, with location indicated thereon, was cemented in top of 8-5/8" casing.
- 9-21-62. Pits were back-filled, leveled, and location cleaned. Location now ready for your inspection.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company W. K. ByronAddress 1000 N. Del PasoHobbs, N. M.By C. W. ByronTitle Geologist

# STEVENS & TULL, INC.

P. O. Box 11005

MIDLAND, TEXAS 79702

915/699-1410

April 30, 1996

Wlibur Shackelford  
512 New Mexico Drive  
Roswell, New Mexico 88201

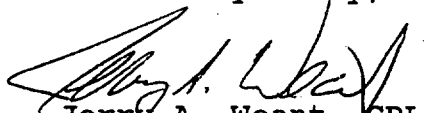
Re: Application for Authorization  
to Inject  
BF State #2  
1980' FS & WL Section 16,  
T-20-S, R-33-E, N.M.P.M.,  
Lea County, New Mexico  
Salt Lake Prospect

Dear Mr. Shackelford:

Please find enclosed for your review a copy of our Application for Authorization to Inject in the captioned well. We request that you execute this letter signifying your waiver to any objection for the conversion of said well.

Please route an executed copy of this letter to the New Mexico Oil Conservation Division at 2040 Pacheco Street, Santa Fe, New Mexico. Thank you for your cooperation in this matter.

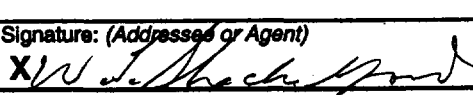
Yours very truly,

  
Jerry A. Weant, CPL  
Landman

I hereby waive any objection to Stevens & Tull, Inc.'s Application for Authorization to Inject into the BF State #2 Well at the captioned location.

By: \_\_\_\_\_  
Print Name: \_\_\_\_\_  
Date: \_\_\_\_\_

f:\lt\inj

<b>SENDER:</b> ■ Complete Items 1 and/or 2 for additional services. ■ Complete Items 3, 4a, and 4b. ■ Print your name and address on the reverse of this form so that we can return this card to you. ■ Attach this form to the front of the mailpiece, or on the back if space does not permit. ■ Write "Return Receipt Requested" on the mailpiece below the article number. ■ The Return Receipt will show to whom the article was delivered and the date delivered.		RECEIVED MAY 3 1996 I also wish to receive the following services (for an extra fee): 1. <input type="checkbox"/> Addressee's Address 2. <input type="checkbox"/> Restricted Delivery Consult postmaster for fee.	
3. Article Addressed to:  Wilbar Shackelford 512 New Mexico Drive Roswell, NM 88201		4a. Article Number 329 330 538	
5. Received By: (Print Name)  6. Signature: (Addressee or Agent) 		4b. Service Type <input type="checkbox"/> Registered <input checked="" type="checkbox"/> Certified <input type="checkbox"/> Express Mail <input type="checkbox"/> Insured <input checked="" type="checkbox"/> Return Receipt for Merchandise <input type="checkbox"/> COD 7. Date of Delivery 5-2-96	
8. Addressee's Address (Only if requested and fee is paid)		Thank you for using Return Receipt Service.	

PS Form 3811, December 1994 Domestic Return Receipt

# STEVENS & TULL, INC.

MIDLAND, TEXAS 79702

P. O. Box 11005

915/699-1410

April 30, 1996

OXY USA Inc.  
P.O. Box 50250  
Midland, Texas 79710

Attn: T. Kent Woolley, CPL

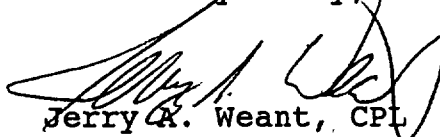
Re: Application for Authorization  
to Inject  
BF State #2  
1980' FS & WL Section 16,  
T-20-S, R-33-E, N.M.P.M.,  
Lea County, New Mexico  
Salt Lake Prospect

Gentlemen:

Please find enclosed for your review a copy of our Application for Authorization to Inject in the captioned well. We request that you execute this letter signifying your waiver to any objection for the conversion of said well.

Please route an executed copy of this letter to the New Mexico Oil Conservation Division at 2040 Pacheco Street, Santa Fe, New Mexico. Thank you for your cooperation in this matter.

Yours very truly,

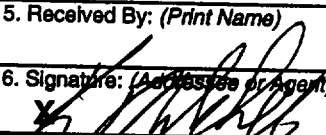
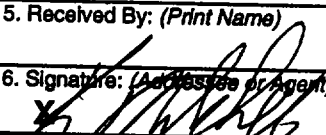
  
Jerry A. Weant, CPL  
Landman

We hereby waive any objection to Stevens & Tull, Inc.'s Application for Authorization to Inject into the BF State #2 Well at the captioned location.

OXY USA Inc.

By: \_\_\_\_\_  
Title: \_\_\_\_\_  
Print Name: \_\_\_\_\_  
Date: \_\_\_\_\_

f:\lt\inject.b

<b>SENDER:</b> ■ Complete items 1 and/or 2 for additional services. ■ Complete items 3, 4a, and 4b. ■ Print your name and address on the reverse of this form so that we can return this card to you. ■ Attach this form to the front of the mailpiece, or on the back if space does not permit. ■ Write "Return Receipt Requested" on the mailpiece below the article number. ■ The Return Receipt will show to whom the article was delivered and the date delivered.		I also wish to receive the following services (for an extra fee): 1. <input type="checkbox"/> Addressee's Address 2. <input type="checkbox"/> Restricted Delivery Consult postmaster for fee.	
3. Article Addressed to:  Oxy USA, Inc. P.O. Box 50250 Midland, TX 79710  Attn: T. Kent Woolley, CPL		4a. Article Number 29 330 539 4b. Service Type <input type="checkbox"/> Registered <input checked="" type="checkbox"/> Certified <input type="checkbox"/> Express Mail <input type="checkbox"/> Insured <input checked="" type="checkbox"/> Return Receipt for Merchandise <input type="checkbox"/> COD	
5. Received By: (Print Name) 		7. Date of Delivery MAY - 1 - 1996	
6. Signature: (Addressee or Agent) 		8. Addressee's Address (If requested and fee is paid) 1100	
PS Form 3811, December 1994			

Domestic Return Receipt

STEVENS & TULL, INC.  
MIDLAND, TEXAS 79702

P. O. Box 11005

915/699-1410

April 30, 1996

Phillips Petroleum Company  
4001 Penbrook  
Odessa, Texas 79762

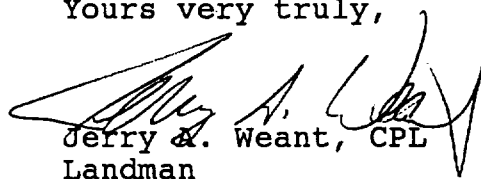
Re: Application for Authorization  
to Inject  
BF State #2  
1980' FS & WL Section 16,  
T-20-S, R-33-E, N.M.P.M.,  
Lea County, New Mexico  
Salt Lake Prospect

Gentlemen:

Please find enclosed for your review a copy of our Application for Authorization to Inject in the captioned well. We request that you execute this letter signifying your waiver to any objection for the conversion of said well.

Please route an executed copy of this letter to the New Mexico Oil Conservation Division at 2040 Pacheco Street, Santa Fe, New Mexico. Thank you for your cooperation in this matter.

Yours very truly,

  
Jerry A. Weant, CPL  
Landman

We hereby waive any objection to Stevens & Tull, Inc.'s Application for Authorization to Inject into the BF State #2 Well at the captioned location.

Phillips Petroleum Company

By: \_\_\_\_\_  
Title: \_\_\_\_\_  
Print Name: \_\_\_\_\_  
Date: \_\_\_\_\_

f:\lt\inject.bf

<b>SENDER:</b> ■ Complete items 1 and/or 2 for additional services. ■ Complete items 3, 4a, and 4b. ■ Print your name and address on the reverse of this form so that we can return this card to you. ■ Attach this form to the front of the mailpiece, or on the back if space does not permit. ■ Write "Return Receipt Requested" on the mailpiece below the article number. ■ The Return Receipt will show to whom the article was delivered and the date delivered.		I also wish to receive the following services (for an extra fee): 1. <input type="checkbox"/> Addressee's Address 2. <input type="checkbox"/> Restricted Delivery Consult postmaster for fee.	
3. Article Addressed to: Phillips Petroleum Company 4001 Penbrook Odessa, TX 79762		4a. Article Number P 329 330 540	
4b. Service Type <input type="checkbox"/> Registered <input checked="" type="checkbox"/> Certified <input type="checkbox"/> Express Mail <input type="checkbox"/> Insured <input checked="" type="checkbox"/> Return Receipt for Merchandise <input type="checkbox"/> COD		7. Date of Delivery 5-1-96	
5. Received By: (Print Name)		8. Addressee's Address (Only if requested and fee is paid)	
6. Signature (Addressee or Agent) X Nancy Buck			

PS Form 3811, December 1994 Domestic Return Receipt

Thank you for using Return Receipt Service.

# STEVENS & TULL, INC.

P. O. Box 11005

MIDLAND, TEXAS 79702

915/699-1410

April 30, 1996

Mitchell Energy Corporation  
P.O. Box 4000  
The Woodlands, Texas 77387-4000


Re: Application for Authorization  
to Inject  
BF State #2  
1980' FS & WL Section 16,  
T-20-S, R-33-E, N.M.P.M.,  
Lea County, New Mexico  
Salt Lake Prospect

Gentlemen:

Please find enclosed for your review a copy of our Application for Authorization to Inject in the captioned well. We request that you execute this letter signifying your waiver to any objection for the conversion of said well.

Please route an executed copy of this letter to the New Mexico Oil Conservation Division at 2040 Pacheco Street, Santa Fe, New Mexico. Thank you for your cooperation in this matter.

Yours very truly,


  
Jerry A. Weant, CPL  
Landman

We hereby waive any objection to Stevens & Tull, Inc.'s Application for Authorization to Inject into the BF State #2 Well at the captioned location.

Mitchell Energy Corporation

By: \_\_\_\_\_  
Title: \_\_\_\_\_  
Print Name: \_\_\_\_\_  
Date: \_\_\_\_\_

f:\lt\inject

<b>SENDER:</b> ■ Complete items 1 and/or 2 for additional services. ■ Complete items 3, 4a, and 4b. ■ Print your name and address on the reverse of this form so that we can return this card to you. ■ Attach this form to the front of the mailpiece, or on the back if space does not permit. ■ Write "Return Receipt Requested" on the mailpiece below the article number. ■ The Return Receipt will show to whom the article was delivered and the date delivered.		I also wish to receive the following services (for an extra fee): 1. <input type="checkbox"/> Addressee's Address 2. <input type="checkbox"/> Restricted Delivery Consult postmaster for fee.	
3. Article Addressed to:  Mitchell Energy Corporation P.O. Box 4000 The Woodlands, TX 77387-4000		4a. Article Number P 329 330 552	
5. Received By: (Print Name) 		4b. Service Type <input type="checkbox"/> Registered <input checked="" type="checkbox"/> Certified <input type="checkbox"/> Express Mail <input type="checkbox"/> Insured <input checked="" type="checkbox"/> Return Receipt for Merchandise <input type="checkbox"/> COD	
6. Signature: (Addressee or Agent) X		7. Date of Delivery 2 MAY 96	
		8. Addressee's Address (Only if requested and fee is paid)	

Is your RETURN ADDRESS completed on the reverse side?

Thank you for using Return Receipt Service.





STATE OF NEW MEXICO  
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION  
HOBBS DISTRICT OFFICE

5/8/96

GOVERNOR

POST OFFICE BOX 1980  
HOBBS, NEW MEXICO 88241-1980  
(505) 393-6161

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

RE: Proposed:

MC \_\_\_\_\_  
DHC \_\_\_\_\_  
NSL \_\_\_\_\_  
NSP \_\_\_\_\_  
SWD ☒ \_\_\_\_\_  
WFX \_\_\_\_\_  
~~PHX~~ ☒ \_\_\_\_\_

Gentlemen:

I have examined the application for the:

Stevens & Tull Inc State BF #2-K 16-20s-33e  
Operator Lease & Well No. Unit S-T-R

and my recommendations are as follows:

OK -

Yours very truly,

Jerry Sexton  
Supervisor, District 1

/ed

State BF LEASE

BEFORE THE OIL CONSERVATION COMMISSION  
OF THE STATE OF NEW MEXICO

IN THE MATTER OF THE HEARING  
CALLED BY THE OIL CONSERVATION  
COMMISSION OF NEW MEXICO FOR  
THE PURPOSE OF CONSIDERING:

*Provision to use  
open pit for salt  
BR 43*

CASE No. 4021

Order No. R-3682

APPLICATION OF CHARLES B. READ  
FOR AN EXCEPTION TO ORDER NO.  
R-3221, AS AMENDED, LEA COUNTY,  
NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 a.m. on January 15, 1969, at Santa Fe, New Mexico, before the Oil Conservation Commission of New Mexico, hereinafter referred to as the "Commission."

NOW, on this 28th day of February, 1969, the Commission, a quorum being present, having considered the testimony presented and the exhibits received at said hearing, and being fully advised in the premises,

FINDS:

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

(2) That the applicant, Charles B. Read, is the owner and operator of the Synder Well No. 1, located in Unit J of Section 16, Township 20 South, Range 33 East, NMPM, West Teas Yates-Seven Rivers Pool, Lea County, New Mexico.

(3) That effective January 1, 1969, Order (3) of Commission Order No. R-3221, as amended, prohibits in that area encompassed by Lea, Eddy, Chaves, and Roosevelt Counties, New Mexico, the disposal, subject to minor exceptions, of water produced in conjunction with the production of oil or gas, or both, on the surface of the ground, or in any pit, pond, lake, depression, draw, streambed, or arroyo, or in any watercourse, or in any

*Read Carroll*

other place or in any manner which would constitute a hazard to any fresh water supplies and said disposal has not previously been prohibited.

(4) That the aforesaid Order No. R-3221 was issued in order to afford reasonable protection against contamination of fresh water supplies designated by the State Engineer through disposal of water produced in conjunction with the production of oil or gas, or both, in unlined surface pits.

(5) That the State Engineer has designated, pursuant to Section 65-3-11 (15), N.M.S.A., 1953 Compilation, all underground water in the State of New Mexico containing 10,000 parts per million or less of dissolved solids as fresh water supplies to be afforded reasonable protection against contamination; except that said designation does not include any water for which there is no present or reasonably foreseeable beneficial use that would be impaired by contamination.

(6) That the applicant seeks an exception to the provisions of the aforesaid Order (3) to permit the continued disposal of salt water produced by the aforesaid Snyder Well No. 1 in an unlined surface pit located in Unit J of said Section 16.

(7) That there are five producing shallow water wells located approximately 3 3/4 to 4 1/2 miles to the southwest of the subject pit.

(8) That there is an abandoned shallow water well, the water from which was reported as too salty for cattle to drink, approximately four miles to the northwest of the subject pit.

(9) That there is an abandoned shallow water well, the water from which was reported as too gypseous for cattle to drink, approximately 1 3/4 miles to the north of the subject pit.

(10) That there is an abandoned shallow water well, the water from which was reported as of poor quality, approximately 3/4 of a mile south-southwest of the subject pit.

(11) That the surface and subsurface drainage appears to be in a westerly direction from the subject pit toward a salt lake, known as Laguna Gatuna, located approximately 1 3/8 miles west of the subject pit.

(12) That there appears to be no water in the vicinity of the subject pit for which a present or reasonably foreseeable beneficial use is or will be made that would be impaired by contamination from said pit.

(13) That the applicant should be permitted to continue to dispose of salt water, produced by applicant's said Snyder Well No. 1, in the above-described unlined surface pit.

IT IS THEREFORE ORDERED:

(1) That the applicant, Charles B. Read, is hereby granted an exception to Order (3) of Commission Order No. R-3221, as amended, to continue to dispose of water produced in conjunction with the production of oil or gas, or both, by his Snyder Well No. 1, located in Unit J of Section 16, Township 20 South, Range 33 East, NMPM, West Teas Yates-Seven Rivers Pool, Lea County, New Mexico, in the unlined surface pit located in said Unit J until further order of the Commission.

(2) That the Commission may by administrative order rescind such authority whenever it reasonably appears to the Commission that such rescission would serve to protect fresh water supplies from contamination.

(3) That jurisdiction of this cause is retained for the entry of such further orders as the Commission may deem necessary.

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

STATE OF NEW MEXICO  
OIL CONSERVATION COMMISSION

DAVID F. CARGO, Chairman

ALEX J. ARMIJO, Member

S E A L

esr/

A. L. PORTER, Jr., Member & Secretary

BEFORE THE OIL CONSERVATION COMMISSION  
OF THE STATE OF NEW MEXICO

IN THE MATTER OF THE HEARING  
CALLED BY THE OIL CONSERVATION  
COMMISSION OF NEW MEXICO FOR  
THE PURPOSE OF CONSIDERING:

CASE No. 4022  
Order No. R-3683

APPLICATION OF ERNEST A. HANSON  
FOR AN EXCEPTION TO ORDER NO.  
R-3221, AS AMENDED, LEA COUNTY,  
NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 a.m. on January 15, 1969, at Santa Fe, New Mexico, before the Oil Conservation Commission of New Mexico, hereinafter referred to as the "Commission."

NOW, on this 28th day of February, 1969, the Commission, a quorum being present, having considered the testimony presented and the exhibits received at said hearing, and being fully advised in the premises,

FINDS:

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

(2) That the applicant, Ernest A. Hanson, is the owner and operator of the Atlantic State Well No. 1, located in Unit C of Section 16, Township 20 South, Range 33 East, NMPM West Teas Yates-Seven Rivers Pool, Lea County, New Mexico.

(3) That effective January 1, 1969, Order (3) of Commission Order No. R-3221, as amended, prohibits in that area encompassed by Lea, Eddy, Chaves, and Roosevelt Counties, New Mexico, the disposal, subject to minor exceptions, of water produced in conjunction with the production of oil or gas, or both, on the surface of the ground, or in any pit, pond, lake, depression, draw, streambed, or arroyo, or in any watercourse, or in any

other place or in any manner which would constitute a hazard to any fresh water supplies and said disposal has not previously been prohibited.

(4) That the aforesaid Order No. R-3221 was issued in order to afford reasonable protection against contamination of fresh water supplies designated by the State Engineer through disposal of water produced in conjunction with the production of oil or gas, or both, in unlined surface pits.

(5) That the State Engineer has designated, pursuant to Section 65-3-11 (15), N.M.S.A., 1953 Compilation, all underground water in the State of New Mexico containing 10,000 parts per million or less of dissolved solids as fresh water supplies to be afforded reasonable protection against contamination; except that said designation does not include any water for which there is no present or reasonably foreseeable beneficial use that would be impaired by contamination.

(6) That the applicant seeks an exception to the provisions of the aforesaid Order (3) to permit the continued-disposal of salt water produced by the aforesaid Atlantic State Well No. 1 in an unlined surface pit located in Unit C of said Section 16.

(7) That there are 5 producing shallow water wells located approximately 3 3/4 to 4 1/4 miles to the southwest of the subject pit.

(8) That there is an abandoned shallow water well, the water from which was reported as too salty for cattle to drink, approximately 3 1/2 miles to the northwest of the subject pit.

(9) That there is an abandoned shallow water well, the water from which was reported as too gypseous for cattle to drink, approximately 1 1/2 miles to the north of the subject pit.

(10) That there is an abandoned shallow water well, the water from which was reported as of poor quality, approximately one mile south-southwest of the subject pit.

(11) That the surface and subsurface drainage appears to be in a westerly direction from the subject pit toward a salt lake, known as Laguna Gatuna, located approximately 1 1/8 miles west of the subject pit.

(12) That there appears to be no water in the vicinity of the subject pit for which a present or reasonably foreseeable beneficial use is or will be made that would be impaired by contamination from said pit.

(13) That the applicant should be permitted to continue to dispose of salt water, produced by applicant's said Atlantic State Well No. 1, in the above-described unlined surface pit.

IT IS THEREFORE ORDERED:

(1) That the applicant, Ernest A. Hanson, is hereby granted an exception to Order (3) of Commission Order No. R-3221, as amended, to continue to dispose of water produced in conjunction with the production of oil or gas, or both, by his Atlantic State Well No. 1, located in Unit C of Section 16, Township 20 South, Range 33 East, NMPM, West Teas Yates-Seven Rivers Pool, Lea County, New Mexico, in the unlined surface pit located in said Unit C until further order of the Commission.

(2) That the Commission may by administrative order rescind such authority whenever it reasonably appears to the Commission that such rescission would serve to protect fresh water supplies from contamination.

(3) That jurisdiction of this cause is retained for the entry of such further orders as the Commission may deem necessary.

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

STATE OF NEW MEXICO  
OIL CONSERVATION COMMISSION

DAVID F. CARGO, Chairman

ALEX J. ARMIJO, Member

S E A L

esr/

A. L. PORTER, Jr., Member & Secretary