

ABOVE THIS LINE FOR DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION
 - Engineering Bureau -
 1220 South St. Francis Drive, Santa Fe, NM 87505



ADMINISTRATIVE APPLICATION CHECKLIST

THIS CHECKLIST IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE

Application Acronyms:

- [NSL-Non-Standard Location] [NSP-Non-Standard Proration Unit] [SD-Simultaneous Dedication]
- [DHC-Downhole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling]
- [PC-Pool Commingling] [OLS - Off-Lease Storage] [OLM-Off-Lease Measurement]
- [WFX-Waterflood Expansion] [PMX-Pressure Maintenance Expansion]
- [SWD-Salt Water Disposal] [IPI-Injection Pressure Increase]
- [EOR-Qualified Enhanced Oil Recovery Certification] [PPR-Positive Production Response]

[1] **TYPE OF APPLICATION - Check Those Which Apply for [A]**

- [A] Location - Spacing Unit - Simultaneous Dedication
 NSL NSP SD

Check One Only for [B] or [C]

- [B] Commingling - Storage - Measurement
 DHC CTB PLC PC OLS OLM

- [C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery
 WFX PMX SWD IPI EOR PPR

- [D] Other: Specify _____

*Commercial
BLM
1 Approval*

[2] **NOTIFICATION REQUIRED TO: - Check Those Which Apply, or Does Not Apply**

- [A] Working, Royalty or Overriding Royalty Interest Owners
- [B] Offset Operators, Leaseholders or Surface Owner
- [C] Application is One Which Requires Published Legal Notice
- [D] Notification and/or Concurrent Approval by BLM or SLO
U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office
- [E] For all of the above, Proof of Notification or Publication is Attached, and/or,
- [F] Waivers are Attached

[3] **SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION INDICATED ABOVE.**

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

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

_____ Print or Type Name	_____ Signature	_____ Title	_____ Date
_____ e-mail Address			

Judah Oil

P.O. Box 568
Artesia, NM

office: 505-746-1280
cell : 505-748-5488
fax : 505-746-1290

2004 OCT 8 PM 1 34
Email: judahoil@yahoo.com

September 29, 2004

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

RE: Application for Approval to convert Oxy T-Bone Federal 31 Gas Well into a Commercial Salt Water Disposal Well.

Dear Sir or Madam,

Please find enclosed my "Application for Authorization to Inject." Our intent is to convert the Oxy T-Bone Federal 31 Gas Well to a Commercial Saltwater Disposal Well.

I have met with Owen Loflin of the BLM office in Carlsbad, NM. I have also requested to meet with Eric Holborn of the BLM on location for inspection.

If I can be of any assistance to you in the processing of this application, please let me know. My phone number is 505-748-5488. Thank you for your consideration.

Sincerely,

James B. Campanella
Owner of Judah Oil



Enc/

III. Well Data

30-015-32122
SWD-950

- A. 1) Oxy T-Bone Federal #1
Sec. 33 T-18S R-31E
660 FNL & 1980 FWL
- 2) *51629
100V
4992*
- | Hole Size | Casing size | Depth set | Sacks Cement |
|-----------|---------------|-----------|--|
| 17 1/2" | 13 3/8" 54.5 | 640' | 650, Circ |
| 11" | 8 5/8" | 3600' | 1250, Circ |
| 7 7/8" | 5 1/2" 20/17# | 12,172' | 1 st stage 450sxs,
2 nd state 300sxs,
cement above 2300' CBL |

- 3) 2 7/8" J-55 plastic coated tubing run 3970'
4) Guiberson AD- 1 packer plastic coated at 3970'

- B. 1) Grayburg - Shugart Field
San Andres - Shugart Field
- 2) 3980' - 4030' perforated
4240' - 4310' perforated
- 3) Well was originally drilled for a Morrow gas well
- 4) Existing perforations
12,030' - 044'
11,896 - 850'
11,846 - 850'
11,796 - 800'
10,006' - 016'
Perforations plugged as follows
a) set CIBP @ 11,740' (above Morrow) and spot 35' cement top
set CIBP @ 9,960' (above Wolfcamp) and spot 35' cement top
- 5) Next higher oil or gas zone is the Queen @ 3356' - 3850'
Next lower oil or gas zone is the Delaware @ 5045' - 6340'

7968 SIMAT

TOP PLUG AT THIS TIME

V.
VI.

Attached
The only well within the area of review that penetrates the proposed
Injection zone is CHI Operating, Inc.
Porterhouse State Com. #1
Unit A 660 FNL & 660 FEL
Sec. 32 T-18S R-31E

Please see the attached Well Completion Report, dated 7/17/03 and
Received at the Artesia ODC on 7/21/03.

APPLICATION FOR AUTHORIZATION TO INJECT

I. PURPOSE: _____ Secondary Recovery _____ Pressure Maintenance Disposal _____ Storage
Application qualifies for administrative approval? _____ Yes _____ No

II. OPERATOR: Judah Oil

ADDRESS: P.O. Box 568 Artesia, NM 88211-0568

CONTACT PARTY: James B. Campanella PHONE: 505-748-5488

III. WELL DATA: Complete the data required on the reverse side of this form for each well proposed for injection.
Additional sheets may be attached if necessary.

IV. Is this an expansion of an existing project? _____ Yes No
If yes, give the Division order number authorizing the project: _____

V. Attach a map that identifies all wells and leases within two miles of any proposed injection well with a one-half mile radius circle drawn around each proposed injection well. This circle identifies the well's area of review.

VI. Attach a tabulation of data on all wells of public record within the area of review which penetrate the proposed injection zone. Such data shall include a description of each well's type, construction, date drilled, location, depth, record of completion, and a schematic of any plugged well illustrating all plugging detail.

VII. Attach data on the proposed operation, including:

1. Proposed average and maximum daily rate and volume of fluids to be injected;
2. Whether the system is open or closed;
3. Proposed average and maximum injection pressure;
4. Sources and an appropriate analysis of injection fluid and compatibility with the receiving formation if other than reinjected produced water; and,
5. If injection is for disposal purposes into a zone not productive of oil or gas at or within one mile of the proposed well, attach a chemical analysis of the disposal zone formation water (may be measured or inferred from existing literature, studies, nearby wells, etc.).

*VIII. Attach appropriate geologic data on the injection zone including appropriate lithologic detail, geologic name, thickness, and depth. Give the geologic name, and depth to bottom of all underground sources of drinking water (aquifers containing waters with total dissolved solids concentrations of 10,000 mg/l or less) overlying the proposed injection zone as well as any such sources known to be immediately underlying the injection interval.

IX. Describe the proposed stimulation program, if any.

*X. Attach appropriate logging and test data on the well. (If well logs have been filed with the Division, they need not be resubmitted).
CBL - Attached

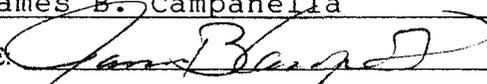
*XI. Attach a chemical analysis of fresh water from two or more fresh water wells (if available and producing) within one mile of any injection or disposal well showing location of wells and dates samples were taken.

XII. Applicants for disposal wells must make an affirmative statement that they have examined available geologic and engineering data and find no evidence of open faults or any other hydrologic connection between the disposal zone and any underground sources of drinking water.

XIII. Applicants must complete the "Proof of Notice" section on the reverse side of this form.

XIV. Certification: I hereby certify that the information submitted with this application is true and correct to the best of my knowledge and belief.

NAME: James B. Campanella TITLE: owner

SIGNATURE:  DATE: 9/23/04

E-MAIL ADDRESS: judahoil@yahoo.com

* If the information required under Sections VI, VIII, X, and XI above has been previously submitted, it need not be resubmitted. Please show the date and circumstances of the earlier submittal: _____

III. WELL DATA

A. The following well data must be submitted for each injection well covered by this application. The data must be both in tabular and schematic form and shall include:

- (1) Lease name; Well No.; Location by Section, Township and Range; and footage location within the section.
- (2) Each casing string used with its size, setting depth, sacks of cement used, hole size, top of cement, and how such top was determined.
- (3) A description of the tubing to be used including its size, lining material, and setting depth.
- (4) The name, model, and setting depth of the packer used or a description of any other seal system or assembly used.

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

B. The following must be submitted for each injection well covered by this application. All items must be addressed for the initial well. Responses for additional wells need be shown only when different. Information shown on schematics need not be repeated.

- (1) The name of the injection formation and, if applicable, the field or pool name.
- (2) The injection interval and whether it is perforated or open-hole.
- (3) State if the well was drilled for injection or, if not, the original purpose of the well.
- (4) Give the depths of any other perforated intervals and detail on the sacks of cement or bridge plugs used to seal off such perforations.
- (5) Give the depth to and the name of the next higher and next lower oil or gas zone in the area of the well, if any.

XIV. PROOF OF NOTICE

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

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

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

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

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

- VII. 1) Proposed avg. daily injection is 2500 bpd, and maximum daily Injection volume is 5000 bpd.
2) This system will be open
3) Estimated injection pressure is 750 PSI and estimated maximum injection Pressure is 1500 PSI
4) Attached
5) Attached
- VIII. 1) Lithologic report attached.
2) Geological name of proposed injection zone-Grayburg/San Andres
3) Grayburg-50' in thickness to be perfed from 3980' to 4030'
San Andres -70' in thickness to be perfed from 4240' to 4310'
4) Underground source of drinking water- Rustler- bottom of drinking water @ 632' below surface
5) No underlying fresh water zones
- IX. 1) Set CIBP @ 5,000' w/35' cement, Set CIBP @ 4450' w/35' cement
2) Perf San Andres Formation 4240-4310' w 2spf
3) Pump 1,000gal 15% NEFE HCL
4) Perf Grayburg Formation 3980-4030' w 2spf
5) Pump 1,000 gal 15% NEFE HCL
- X. Well logs and test data have previously been filed with the Division CBL-Attached
- XI. There are no fresh water wells producing within a one mile radius of the proposed disposal well.
- XII. Available geological data has been examined and shows no evidence of open Faults or any hydrological connection between the disposal zone and any Underground source of drinking water.
- XIII. Attached

INJECTION WELL DATA SHEET

OPERATOR: Judah oil

WELL NAME & NUMBER: T-Bone Federal #1

WELL LOCATION: 660' FNL & 1980' FWL
FOOTAGE LOCATION: UNIT LETTER: C SECTION: 33 TOWNSHIP: 18-S RANGE: 31E

WELLBORE SCHEMATIC

WELL CONSTRUCTION DATA

Surface Casing

Hole Size: 1 7/8" Casing Size: 1 3/8 54#

Cemented with: 650 sx. or

Top of Cement: surface Method Determined: circulate

Intermediate Casing

Hole Size: 1 1/2" Casing Size: 9 5/8 32#

Cemented with: 1250 sx. or

Top of Cement: surface Method Determined: circulate

Production Casing

Hole Size: 8 3/4" Casing Size: 5 1/2

Cemented with: 725 sx. or

Top of Cement: above 2300' Method Determined: Cement B

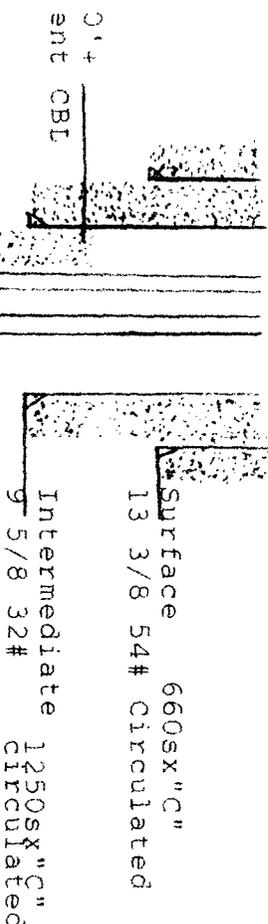
Total Depth: 12,172'

Injection Interval

Perforate 3980 feet to 4030
4240 4310

(Perforated or Open Hole; indicate which)

stg 450sks
r C Mod
stg 200sks
s C + 100sks
+ 10% A-10
sks "C" +
Perfs 10006-10016
CIBP 11740'
Perfs 11796-12044
CIBP 9960'
CIBP 4450'
CIBP 5000'
Grayburg 3980-4030
San Andres 4240-4310
AD-Packer 170'



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

State of New Mexico
Energy, Minerals & Natural Resources

Form C-104
Reformatte 20, 2001

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

Submit to Appropriate District Office
5 Copies

AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address Chi Operating, Inc. P.O. Box 1799 Midland, TX 79702		² OGRID Number 004378
		³ Reason for Permit Code/ Effective Date New Well
⁴ API Number 30-015-32122	⁵ Pool Name	⁶ Pool Code
⁷ Property Code	⁸ Property Name T-Bone Federal	⁹ Well Number # 1

III
A. 2)

II. ¹⁰ Surface Location

11 or lot no.	Section	Township	Range	1st. Idn	Feet from the	North/South	Feet from the	East/West line	County
	33	18-S	31-E		660	NORTH	1980	WEST	EDDY

¹¹ Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
¹² Loc Code	¹³ Producing Method Code SWBG	¹⁴ Gas Connection Date	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date				

III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ POD	²¹ O/G	²² POD ULSTR Location and Description
15694	NAVAJO		O	

RECEIVED
MAY 21 2004
OCC-ARTESIA

⁴⁷ Produced Water

²³ POD	²⁴ POD ULSTR Location and Description LOCATION
-------------------	--

⁴⁷ Well Completion Data

²⁵ Spud Date	²⁶ Ready Date	²⁷ TD	²⁸ PBD	²⁹ Perforations	³⁰ DHC, MC
10-9-02	5-21-03	12,172'	12,075'	10,006-16'	
³¹ Hole Size	³² Casing & Tubing Size	³³ Depth Set	³⁴ Sacks Cement		
17 1/2"	13 3/8" 54.5#	640'	450sxs, Tail w/200sxs, Circ 160sxs		
11"	8 5/8" 32#	3600'	1025sxs, Tail w/225sxs, Circ 85sxs		
7 7/8"	5 1/2" 20/17#	12,172'	1" Stage w/450sxs, 2" Stage w/275sxs		

⁴⁷ Well Test Data

³⁵ Date New Oil	³⁶ Gas Delivery Date	³⁷ Test Date	³⁸ Test Length	³⁹ Tbg. Pressure 30#	⁴⁰ Csg. Pressure
5-21-03					
⁴¹ Cbcke Size	⁴² Oil	⁴³ Water	⁴⁴ Gas	⁴⁵ AOF	⁴⁶ Test Method
1"	17 BO	62 BW			TOTAL FLOW METER

⁴⁷ I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

Signature: *Robin Askew*

Printed name: ROBIN ASKEW

Title: REGULATORY CLERK

Date: 5-11-04

Phone: 432-685-5001

OIL CONSERVATION DIVISION

Approved by:

Title:

Approval Date: JUN 8 2 2004

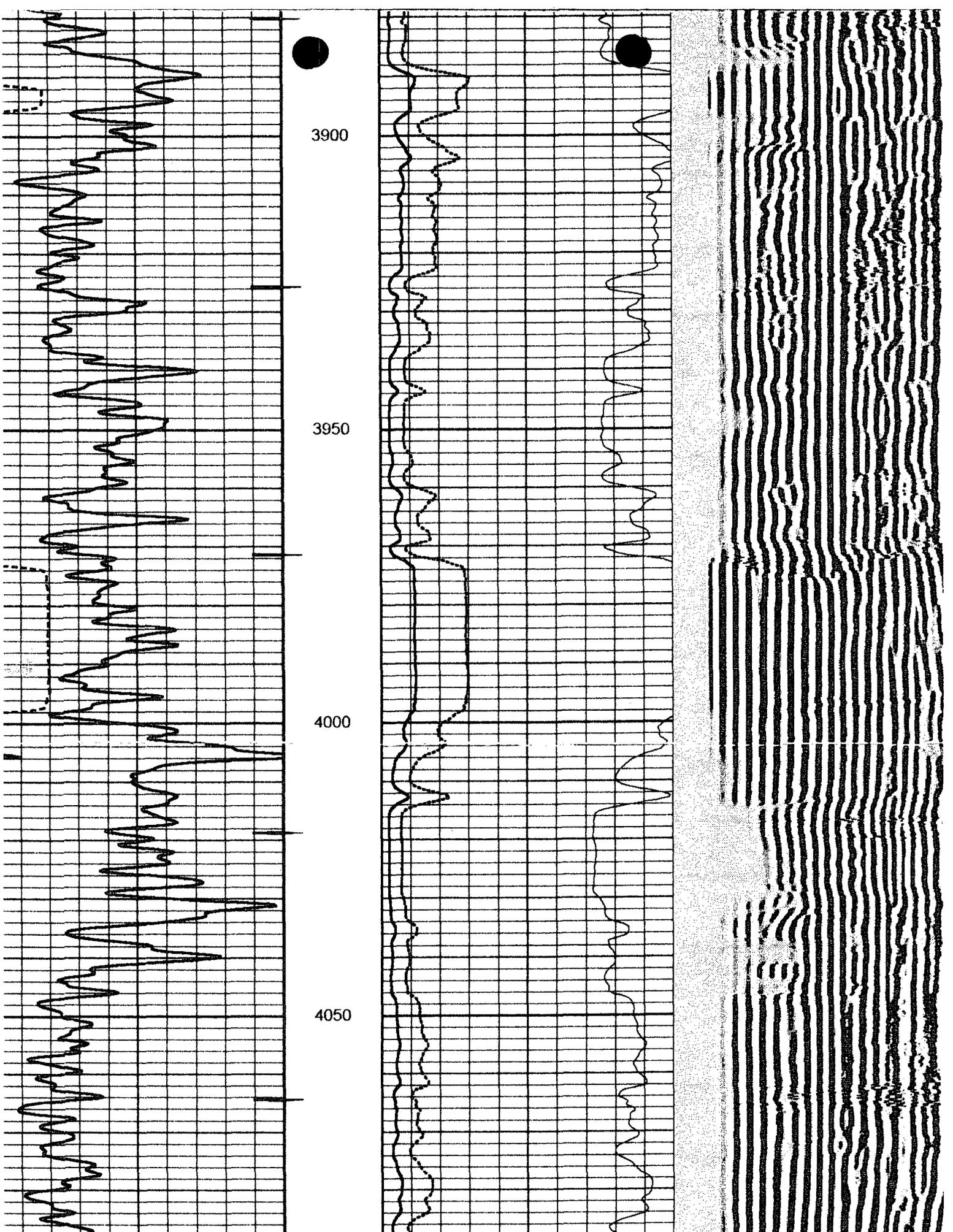
FOR RECORDS

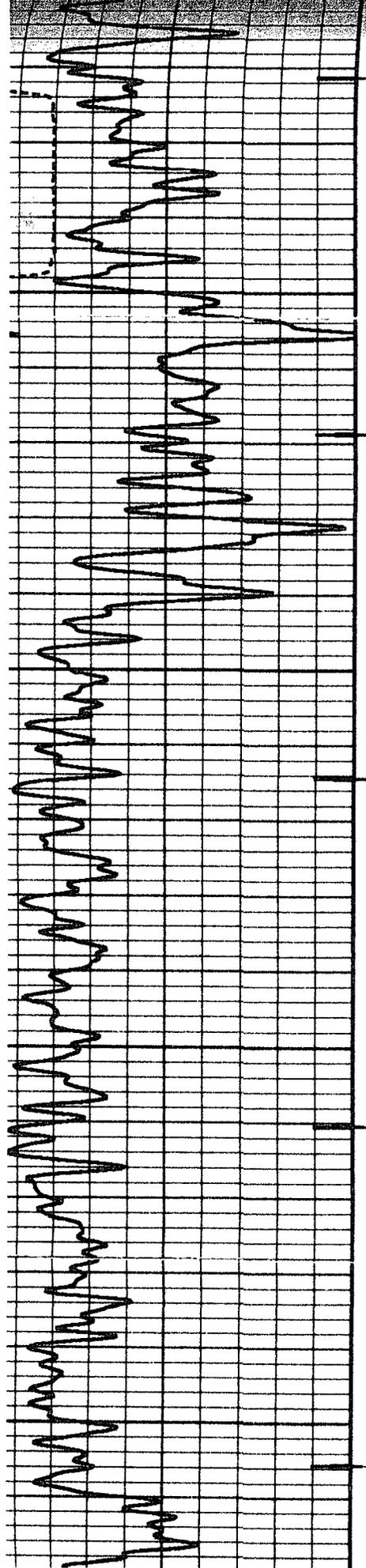


**GAMMA RAY / CCL
CEMENT BOND / VDL
LOG**

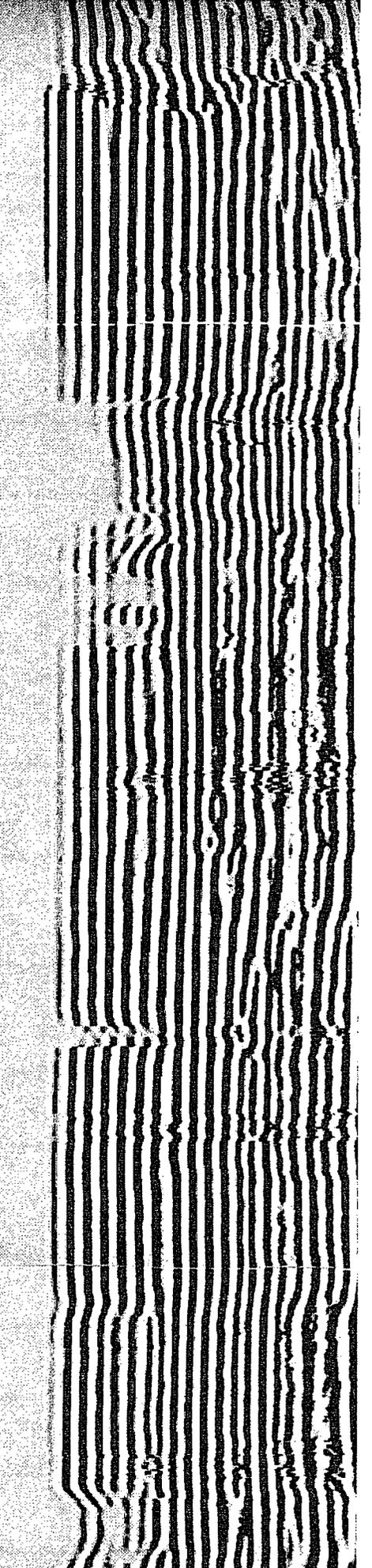
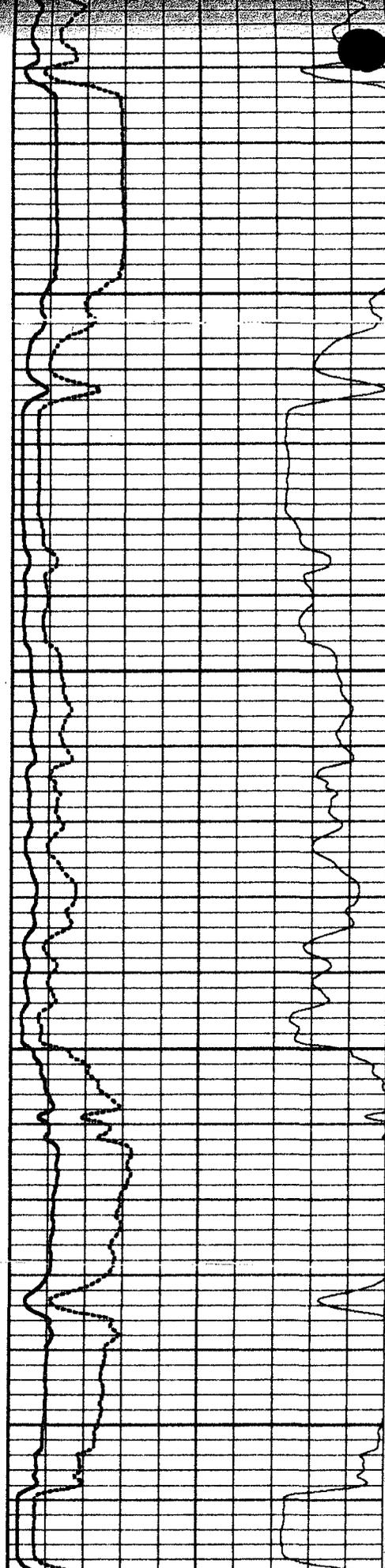
Judah Oil Oxy T - Bone Federal No.1 South Shugart Eddy New Mexico	Company	Judah Oil						
	Well	Oxy T - Bone Federal No.1						
	Field	South Shugart						
	County	Eddy	State	New Mexico				
	Location:	API # :		Other Services				
		660' FNL & 1980' FWL						
		SEC 33 TWP 18 RGE 31-E		Elevation				
Company	Permanent Datum	gGROUND LEVEL	Elevation	K.B.				
Well	Log Measured From	Kelly Bushing or 15 ft. A.P.D.		D.F.				
Field	Drilling Measured From	Kelly Bushing		G.L.				
County	Date	03 - Sept. - 2004						
State	Run Number	One						
	Depth Driller							
	Depth Logger	8020 ft.						
	Bottom Logged Interval	8019 ft.						
	Top Log Interval	2300 ft.						
	Open Hole Size	7.875						
	Type Fluid	Water						
	Density / Viscosity	N/A						
	Max. Recorded Temp.	N/A						
	Estimated Cement Top							
	Time Well Ready	See Log						
	Time Logger on Bottom	See Log						
	Equipment Number	WL-01						
	Location	Hobbs N.M.						
	Recorded By	Regal Bell	Gary York					
	Witnessed By	Mr. Blaise Campenella						
	Borehole Record		Tubing Record					
	Run Number	Bit	From	To	Size	Weight	From	To
	Casing Record	Size	Wgt/Ft	Top	Bottom			
	Surface String							
	Prot. String							
	Production String							
	Liner							

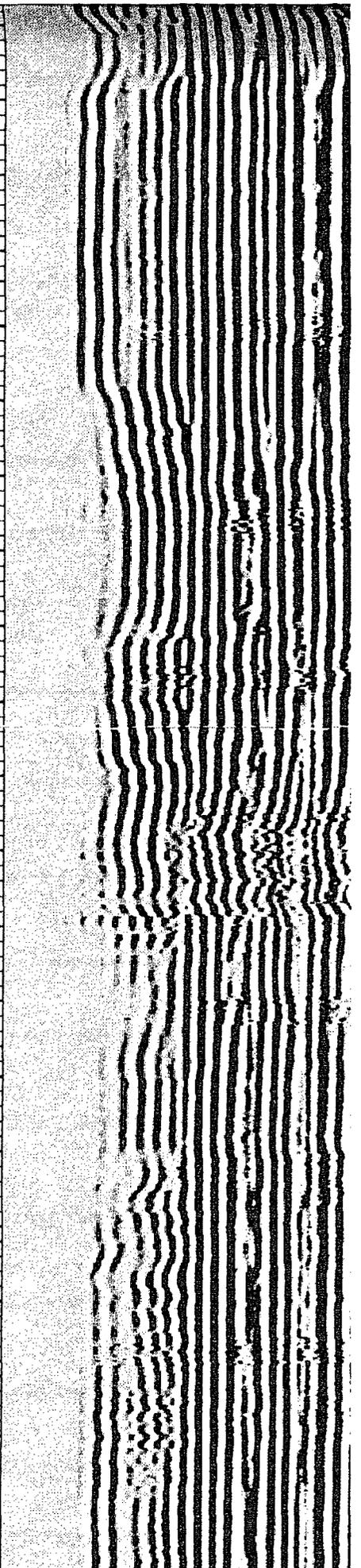
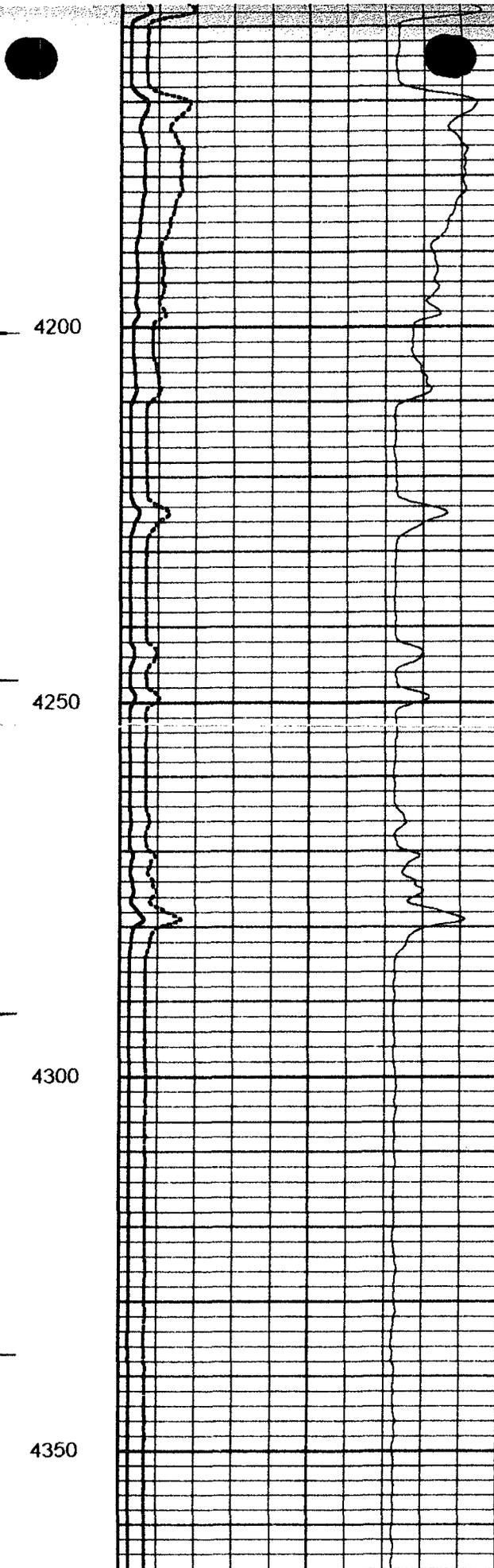
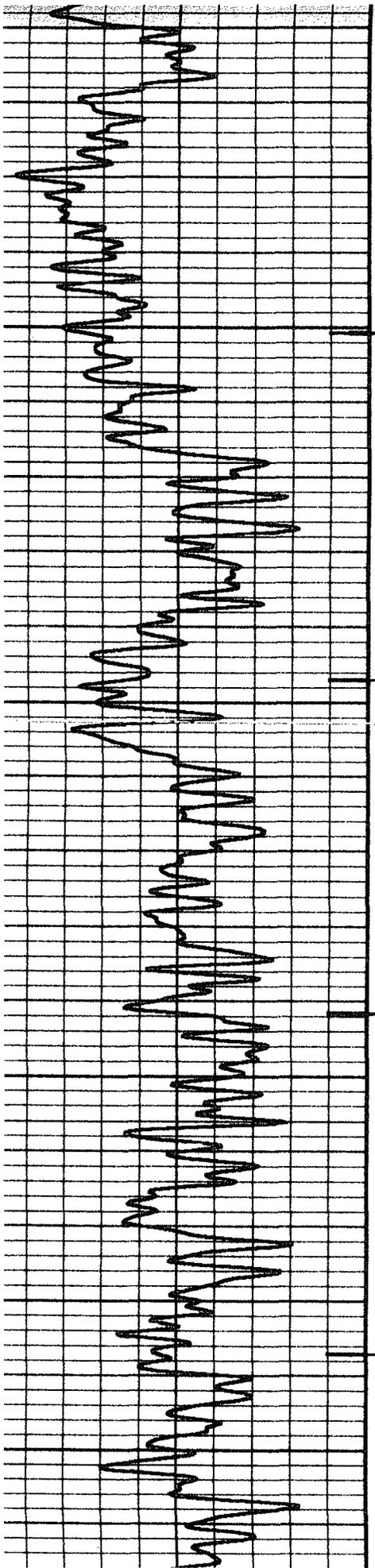
<<< Fold Here >>>





4000
4050
4100
4150

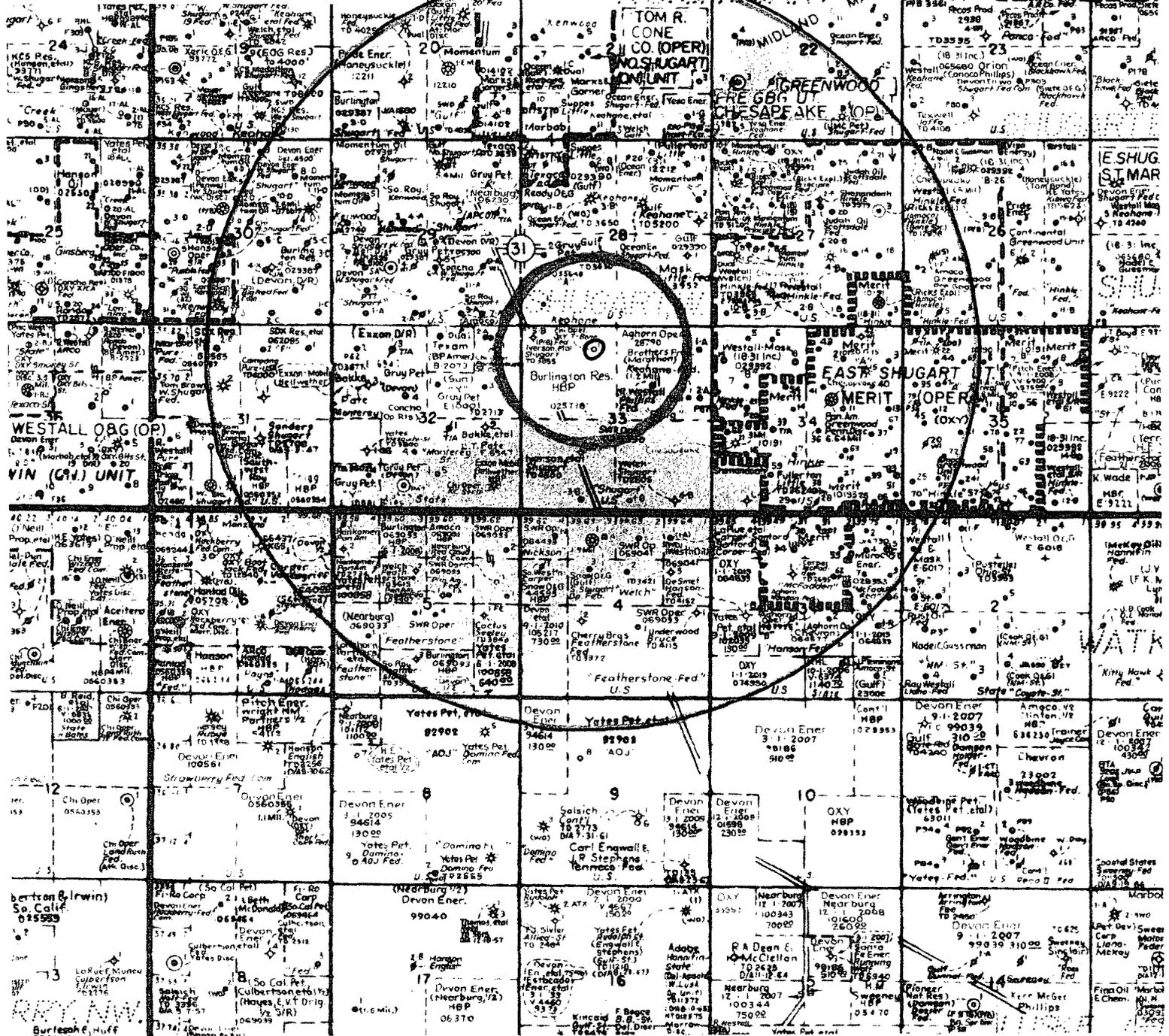




Judah Oil
 Oxy T-Bone Fed #1
 660' FNL 1980 FWL
 Sec 33 T18S R31E
 Eddy Co NM

Proposed Commercial
 Water Disposal

attachment



Attachment VI

Submit To Appropriate District Office
State Lease - 6 copies
Fee Lease - 5 copies

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

State of New Mexico
Energy, Minerals and Natural Resources

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

Form C-105
Revised March 25, 1999

WELL API NO. 30-015-32682
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
State Oil & Gas Lease No.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well: OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> OTHER <input type="checkbox"/>	7. Lease Name or Unit Agreement Name Porterhouse State Com.
b. Type of Completion: NEW <input type="checkbox"/> WORK <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG <input type="checkbox"/> DIFF. <input type="checkbox"/> WELL OVER BACK RESVR. <input type="checkbox"/> OTHER <input type="checkbox"/>	8. Well No. #1

2. Name of Operator Chi Operating, Inc.	9. Pool name or Wildcat
--	-------------------------

3. Address of Operator P.O. Box 1799 Midland, TX 79702

4. Well Location Unit Letter <u>A</u> : <u>660</u> Feet From The <u>NORTH</u> Line and <u>660</u> Feet From The <u>EAST</u> Line
Section <u>32</u> Township <u>18S</u> Range <u>31E</u> NMPM County <u>EDDY</u>

10. Date Spudded 3/29/03	11. Date T.D. Reached 5/06/03	12. Date Compl. (Ready to Prod.) 7/10/03	13. Elevations (DF& RKB, RT, GR, etc.) GL 3597'	14. Elev. Casinghead
-----------------------------	----------------------------------	---	--	----------------------

15. Total Depth 12,210'	16. Plug Back T.D. 12,138'	17. If Multiple Compl. How Many Zones? 1	18. Intervals Drilled By Rotary Tools	Cable Tools
----------------------------	-------------------------------	---	--	-------------

19. Producing Interval(s), of this completion - Top, Bottom, Name 11,848-66', 11,804-10', 11,896-900', 11,907-12', 11,914-18', 11,923-33', 11,945-62'	20. Was Directional Survey Made YES
--	--

21. Type Electric and Other Logs Run Deviation Survey, CDL & CNL	22. Was Well Cored
---	--------------------

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"	54.50#	660'	17 1/2"	650sxs, Circ 100sxs	
8 5/8"	32#	3614'	11"	1175sxs, did not circ	
5 1/2"	20/17#	12,210'	7 7/8"	1 st -250sxs, 2 nd -350sxs	250 sks @ 45.90 100 sks Tail TOC 2300'4

24. LINER RECORD				25. TUBING RECORD			
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET

26. Perforation record (interval, size, and number) 11,848-66', 11,804-10', 11,896-900', 11,907-12', 11,914-18', 11,923-33', 11,945-62'	27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
	DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
	11,896-900', 11,907-12', 11,914-18', 11,923-33', 11,945-62'	A/1500gal on 5% acid, ATP=7850#, 7bbls/min, ISIP=6525#, 5min/6974, 10min/6809, 15min/6750

28. PRODUCTION							
Date First Production 7/10/03		Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing			Well Status (Prod. or Shut-in) Prod.		

Date of Test 7/15/03	Hours Tested 18	Choke Size 48/64	Prod'n For Test Period	Oil - Bbl 0	Gas - MCF 606	Water - Bbl 6	Gas - Oil Ratio
Flow Tubing Press. 350#	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.) SOLD	Test Witnessed By SONNY MANN
--	---------------------------------

30. List Attachments

31. I hereby certify that the information shown on both sides of this form as true and complete to the best of my knowledge and belief

Signature *Robin Askew*

Printed Name ROBIN ASKEW Title REGULATORY CLERCK Date 7/17/03

District I
 PO Box 1980, Hobbs, NM 88241-1980
 District II
 PO Drawer DD, Artesia, NM 88211-0719
 District III
 1000 Rio Brazos Rd., Artec, NM 87410
 District IV
 2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
 Energy, Mining & Natural Resources Department

Form C-104
 Revised October 18, 1994
 Instructions on back
 Submit to Appropriate District Office
 5 Copies

OIL CONSERVATION DIVISION
 2040 South Pacheco
 Santa Fe, NM 87505

AMENDED REPORT

Attachment VII #4 pg 1

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address Gruy Petroleum Management Company P.O. Box 140907 Irving, Texas 75014		² OGRID Number 162683
⁴ API Number 30-0 30-015-05620		³ Reason for Filing Code Change of Operator (5/1/97)
⁵ Pool Name Shugart Yates Trvrs Qu Grayburg		⁶ Pool Code 56439
⁷ Property Code 21725	⁸ Property Name Keohane Etal A Federal	⁹ Well Number 1

II. ¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot. Idn	Feet from the	North/South Line	Feet from the	East/West line	County
M	28	18S	31E		660	South	660	West	Eddy

¹¹ Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot. Idn	Feet from the	North/South Line	Feet from the	East/West line	County
¹² Lse Code F	¹³ Producing Method Code P	¹⁴ Gas Connection Date	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date				

III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ POD	²¹ O/G	²² POD ULSTR Location and Description
020445	SCURLOCK PERMIAN CORP	2326810	O	T-18S, R-31E, SC-28, U-M
		2326830	G	T-18S, R-31E, SC-28, U-M

IV. Produced Water

²³ POD 2326850	²⁴ POD ULSTR Location and Description T-18S, R-31E, SC-28, U-M
------------------------------	--

V. Well Completion Data

²⁵ Spud Date	²⁶ Ready Date	²⁷ TD	²⁸ PBTD	²⁹ Perforations	³⁰ DHC, DC, MC
³¹ Hole Size		³² Casing & Tubing Size		³³ Depth Set	
				³⁴ Sacks Cement Packed 703 10-31-97 C. H. G.	

VI. Well Test Data

³⁵ Date New Oil	³⁶ Gas Delivery Date	³⁷ Test Date	³⁸ Test Length	³⁹ Tbg. Pressure	⁴⁰ Csg. Pressure
⁴¹ Choke Size	⁴² Oil	⁴³ Water	⁴⁴ Gas	⁴⁵ AOF	⁴⁶ Test Method

⁴⁷ I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.		OIL CONSERVATION DIVISION	
Signature: <i>R. D. Cronk</i>		Approved by: SUPERVISOR, DISTRICT II	
Printed name: R. D. Cronk		Title:	
Title: Vice President of Operations		Approval Date: OCT 23 1997	
Date: 6/26/97	Phone: (972) 401-3111		

⁴⁷ If this is a change of operator fill in the OGRID number and name of the previous operator			
<i>Kent Beers</i> Previous Operator Signature		Burlington Resources Oil & Gas Company	5/1/97
Attorney-in-Fact		Printed Name	Title Date



Water Analysis

Date: 9/28/2004

Attachment
VII #4
Pg 2

2401 Sivley, Artesia NM 88210
Phone (505) 746-3140 Fax (505) 746-2293

Analyzed For

Company	Well Name	County	State
Gruy Pet Mng	Keohane Et al 1	Eddy	New Mexico

Sample Source	Sample #		
	1		
Formation	Depth		
Specific Gravity	1.080	SG @ 60 °F	1.082
pH	6.77	Sulfides	
Temperature (°F)	72	Reducing Agents	

Cations

Sodium (Calc)	in Mg/L	-23,799	in PPM	-21,987
Calcium	in Mg/L	46,000	in PPM	42,498
Magnesium	in Mg/L	5,040	in PPM	4,656
Soluable Iron (FE2)	in Mg/L	0.0	in PPM	0

Anions

Chlorides	in Mg/L	58,000	in PPM	53,585
Sulfates	in Mg/L	1,800	in PPM	1,663
Bicarbonates	in Mg/L	288	in PPM	266
Total Hardness (as CaCO3)	in Mg/L	136,000	in PPM	125,647
Total Dissolved Solids (Calc)	in Mg/L	87,329	in PPM	80,681
Equivalent NaCl Concentration	in Mg/L	82,187	in PPM	75,930

Scaling Tendencies

*Calcium Carbonate Index	13,244,320
<i>Below 500,000 Remote / 500,000 - 1,000,000 Possible / Above 1,000,000 Probable</i>	
*Calcium Sulfate (Gyp) Index	82,800,000
<i>Below 500,000 Remote / 500,000 - 10,000,00 Possible / Above 10,000,000 Probable</i>	

**This Calculation is only an approximation and is only valid before treatment of a well or several weeks after treatment.*

Remarks

District I
 PO Box 1980, Hobbs, NM 88241-1980
 District II
 PO Drawer DD, Artesia, NM 88211-0719
 District III
 1000 Rio Brazas Rd., Aztec, NM 87410
 District IV
 2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
 Environmental & Natural Resources Department

OIL CONSERVATION DIVISION
 2040 South Pacheco
 Santa Fe, NM 87505

Form C-104
 Revised October 18, 1994
 Instructions on back
 Submit to Appropriate District Office
 5 Copies

AMENDED REPORT

Attachment
 VII #4
 Pg 3

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address Gruy Petroleum Management Company P.O. Box 140907 Irving, Texas 75014		² OGRID Number 162683
		³ Reason for Filing Code Change of Operator (5/1/97)
⁴ API Number 30-0 30-015-05636	⁵ Pool Name Shugart Yates Trvrs Qu Grayburg	⁶ Pool Code 56439
⁷ Property Code 21748	⁸ Property Name Shugart A	⁹ Well Number 3

II. ¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot. Idn	Feet from the	North/South Line	Feet from the	East/West line	County
0	29	18S	31E		330	S	1650	E	Eddy

¹¹ Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot. Idn	Feet from the	North/South Line	Feet from the	East/West line	County

¹² Lse Code RF	¹³ Producing Method Code P	¹⁴ Gas Connection Date	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date
------------------------------	--	-----------------------------------	-----------------------------------	------------------------------------	-------------------------------------

III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ POD	²¹ O/G	²² POD ULSTR Location and Description
22628	TEXAS NEW MEXICO PIPELINE CO	2327010	O	T-18S, R-31E, SC-29, U-0
17643	PHILLIPS PETROLEUM CO	2327030	G	T-18S, R-31E, SC-29, U-0

IV. Produced Water

²³ POD 2327050	²⁴ POD ULSTR Location and Description T-18S, R-31E, SC-29, U-0
------------------------------	--

V. Well Completion Data

²⁵ Spud Date	²⁶ Ready Date	²⁷ TD	²⁸ PBDT	²⁹ Perforations	³⁰ DHC, DC, MC
³¹ Hole Size	³² Casing & Tubing Size	³³ Depth Set	³⁴ Sacks Cement Packed 70-5 10-31-97 K. Cronk		

VI. Well Test Data

³⁵ Date New Oil	³⁶ Gas Delivery Date	³⁷ Test Date	³⁸ Test Length	³⁹ Tbg. Pressure	⁴⁰ Csg. Pressure
⁴¹ Choke Size	⁴² Oil	⁴³ Water	⁴⁴ Gas	⁴⁵ AOF	⁴⁶ Test Method

⁴⁷ I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief. Signature: Printed name: R.D. Cronk Title: Vice President of Operations Date: 6/26/97 Phone: (972) 401-3111	OIL CONSERVATION DIVISION Approved by: SUPERVISOR, DISTRICT II Title: Approval Date: OCT 23 1997

⁴⁷ If this is a change of operator fill in the OGRID number and name of the previous operator	Burlington Resources Oil & Gas Company	5/1/97
Kent Beers Attorney-in-Fact	Printed Name	Title Date



Water Analysis

Date: 9/28/2004

Attachment
VII #4
Pg.

2401 Sivley, Artesia NM 88210
Phone (505) 746-3140 Fax (505) 746-2293

Analyzed For

Company	Well Name	County	State
Gruy Pet Mng	Shugart A 3	Eddy	New Mexico

Sample Source	Sample #	1
Formation	Depth	

Specific Gravity	1.125	SG @ 60 °F	1.127
pH	6.53	Sulfides	
Temperature (°F)	72	Reducing Agents	

Cations

Sodium (Calc)	in Mg/L	-19,970	in PPM	-17,713
Calcium	in Mg/L	40,000	in PPM	35,480
Magnesium	in Mg/L	6,000	in PPM	5,322
Soluable Iron (FE2)	in Mg/L	0.0	in PPM	0

Anions

Chlorides	in Mg/L	56,000	in PPM	49,672
Sulfates	in Mg/L	1,600	in PPM	1,419
Bicarbonates	in Mg/L	732	in PPM	649
Total Hardness (as CaCO3)	in Mg/L	125,000	in PPM	110,875
Total Dissolved Solids (Calc)	in Mg/L	84,362	in PPM	74,829
Equivalent NaCl Concentration	in Mg/L	77,193	in PPM	68,470

Scaling Tendencies

*Calcium Carbonate Index **29,280,000**

Below 500,000 Remote / 500,000 - 1,000,000 Possible / Above 1,000,000 Probable

*Calcium Sulfate (Gyp) Index **64,000,000**

Below 500,000 Remote / 500,000 - 10,000,00 Possible / Above 10,000,000 Probable

*This Calculation is only an approximation and is only valid before treatment of a well or several weeks after treatment.

Remarks

Report # 1665



Water Analysis

Date: 9/28/2004

Attachment
VII #4
pg 6

2401 Sivley, Artesia NM 88210
Phone (505) 746-3140 Fax (505) 746-2293

Analyzed For

Company	Well Name	County	State
Chi Energy Inc	Porterhouse St Com 1	Eddy	New Mexico

Sample Source	Sample #	1
Formation	Depth	
Specific Gravity	1.090	SG @ 60 °F
pH	7.56	Sulfides
Temperature (°F)	71	Reducing Agents

Cations

Sodium (Calc)	in Mg/L	3,655	in PPM	3,347
Calcium	in Mg/L	24,000	in PPM	21,974
Magnesium	in Mg/L	1,200	in PPM	1,099
Soluable Iron (FE2)	in Mg/L	3.0	in PPM	3

Anions

Chlorides	in Mg/L	50,000	in PPM	45,779
Sulfates	in Mg/L	1,200	in PPM	1,099
Bicarbonates	in Mg/L	1,074	in PPM	983
Total Hardness (as CaCO3)	in Mg/L	65,000	in PPM	59,513
Total Dissolved Solids (Calc)	in Mg/L	81,132	in PPM	74,283
Equivalent NaCl Concentration	in Mg/L	73,013	in PPM	66,850

Scaling Tendencies

*Calcium Carbonate Index **25,766,400**

Below 500,000 Remote / 500,000 - 1,000,000 Possible / Above 1,000,000 Probable

*Calcium Sulfate (Gyp) Index **28,800,000**

Below 500,000 Remote / 500,000 - 10,000,00 Possible / Above 10,000,000 Probable

*This Calculation is only an approximation and is only valid before treatment of a well or several weeks after treatment.

Remarks

Report # 1664

Attachment VII #5

HALLIBURTON SERVICES
ARTESIA DISTRICT

RECEIVED MAY 18 1990

VII #5

LABORATORY REPORT

No. W282-90

TO Yates Energy
Suite 919 - Sunwest Centre
Roswell, NM 88201

Date May 16, 1990

This report is the property of Halliburton Services and neither it nor any part thereof, nor a copy thereof is to be published or disclosed without first securing the express written approval of laboratory management. It may however, be used in the course of regular business operations by any person or concern and employees thereof receiving such report from Halliburton Services

Submitted by Gene Printz Date Rec. May 16, 1990

Well No. Thorn Bush Fed. #1 Depth 4670' Formation San Andres
Field Sec. 1, T 18S, R 31E County Eddy Source Tank Battery

Resistivity	0.051 @ 75°
Specific Gravity ..	1.129
pH	6.75
Calcium	12,444
Magnesium	3,552
Chlorides	114,000
Sulfates	1,000
Bicarbonates	397
Soluble Iron	0
Potassium	500
API Gravity	38.2°
KCL	0

Remarks:

Rocky Chambers
Respectfully submitted

Analyst: Rocky Chambers - Field Engineer

HALLIBURTON SERVICES

NOTICE:

This report is for information only and the content is limited to the sample described. Halliburton makes no warranties, express or implied, as to the accuracy of the contents or results. Any user of this report agrees Halliburton shall not be liable for any loss or damage, regardless of cause, including any act or omission of Halliburton, resulting from the use hereof

30-015-32122-00-00

OXY T-BONE FEDERAL No. 001

Company Name: JUDAH OIL

Location: Sec: 33 T: 18S R: 31E Spot:

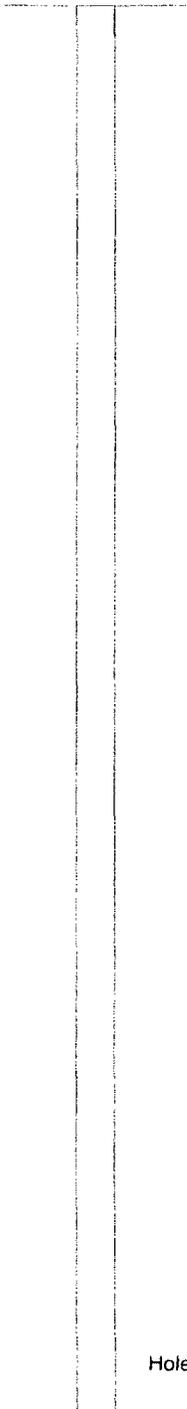
String Information

Attachment VIII

Lat/Long: Lat: 32.7094386190837 Long: -103.876617627423

Property Name: OXY T-BONE FEDERAL

County Name: Eddy



Cement Information

Perforation Information

Formation Information

St Code	Formation	Depth
Prust	Rustler	632
Psal	Salado	982
Pbslt	Base of Salt	2032
Pyts	Yates	2236
Psr	Seven Rivers	2686
Psrbs	Bowers Sand	3092
Pqu	Queen	3356
Psa	San Andres	4040
Pdel	Delaware	5045
Pbs	Bone Spring	6342
Pbs3sd	3rd Bone Spring Sand	9414
Pwc	Wolfcamp	9817
PPst	Strawn	10893

Hole: Unknown

TD: 0

TVD: 0

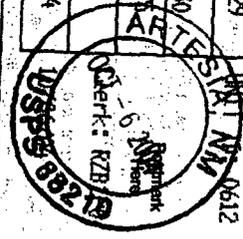
PBTD:

U.S. Postal Service™
CERTIFIED MAIL™ RECEIPT
(Domestic Mail Only. No Insurance Coverage Provided)

For delivery information visit our website at www.usps.com

OFFICIAL USE

Postage	\$ 1.29
Certified Fee	2.30
Return Receipt Fee (Endorsement Required)	1.75
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	\$ 5.34



Sent To: **Brothers Producing**
 Street, Apt. No.: P.O. Box 9515
 or PO Box No.:
 City, State, ZIP+4: Midland, TX 79708
 PS Form 3800, June 2002 See Reverse for Instructions

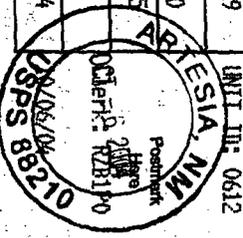
7004 1160 0006 1812 2982

U.S. Postal Service™
CERTIFIED MAIL™ RECEIPT
(Domestic Mail Only. No Insurance Coverage Provided)

For delivery information visit our website at www.usps.com

OFFICIAL USE

Postage	\$ 1.29
Certified Fee	2.30
Return Receipt Fee (Endorsement Required)	1.75
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	\$ 5.34



Sent To: **Robertson Operating**
 Street, Apt. No.: P.O. Box 26
 or PO Box No.:
 City, State, ZIP+4: Loso Hills, NM 88255
 PS Form 3800, June 2002 See Reverse for Instructions

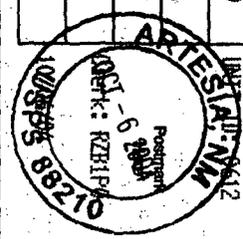
7004 1160 0006 1812 2982

U.S. Postal Service™
CERTIFIED MAIL™ RECEIPT
(Domestic Mail Only. No Insurance Coverage Provided)

For delivery information visit our website at www.usps.com

OFFICIAL USE

Postage	\$ 1.29
Certified Fee	2.30
Return Receipt Fee (Endorsement Required)	1.75
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	\$ 5.34



Sent To: **Mar bob Energy**
 Street, Apt. No.: P.O. Box 227
 or PO Box No.:
 City, State, ZIP+4: Hxtsla, NM 88210
 PS Form 3800, June 2002 See Reverse for Instructions

U.S. Postal Service™
CERTIFIED MAIL™ RECEIPT
(Domestic Mail Only: No Insurance Coverage Provided)

For delivery information visit our website at www.usps.com

OFFICIAL USE

Postage	\$ 1.29	UNIT ID: 0612
Certified Fee	2.30	Postmark Here: OCT-6 2004
Return Receipt Fee (Endorsement Required)	1.75	Postmark Here: OCT-6 2004
Restricted Delivery Fee (Endorsement Required)		Postmark Here: OCT-6 2004
Total Postage & Fees	\$ 5.34	UNIT ID: 0612

Sent To: **Boyle LCD**
 Street, Apt. No. or PO Box No. **PO Box 4110**
 City, State, ZIP+4 **Midland NM 88230**
 PS Form 3800, June 2002 See Reverse for Instructions

U.S. Postal Service™
CERTIFIED MAIL™ RECEIPT
(Domestic Mail Only: No Insurance Coverage Provided)

For delivery information visit our website at www.usps.com

OFFICIAL USE

Postage	\$ 1.29	UNIT ID: 0612
Certified Fee	2.30	Postmark Here: OCT-6 2004
Return Receipt Fee (Endorsement Required)	1.75	Postmark Here: OCT-6 2004
Restricted Delivery Fee (Endorsement Required)		Postmark Here: OCT-6 2004
Total Postage & Fees	\$ 5.34	UNIT ID: 0612

Sent To: **Logan Hunter Prod Inc**
 Street, Apt. No. or PO Box No. **600 E. Las Colinas Blvd**
 City, State, ZIP+4 **Dallas TX 75039**
 PS Form 3800, June 2002 See Reverse for Instructions

U.S. Postal Service™
CERTIFIED MAIL™ RECEIPT
(Domestic Mail Only: No Insurance Coverage Provided)

For delivery information visit our website at www.usps.com

OFFICIAL USE

Postage	\$ 1.29	UNIT ID: 0612
Certified Fee	2.30	Postmark Here: OCT-6 2004
Return Receipt Fee (Endorsement Required)	1.75	Postmark Here: OCT-6 2004
Restricted Delivery Fee (Endorsement Required)		Postmark Here: OCT-6 2004
Total Postage & Fees	\$ 5.34	UNIT ID: 0612

Sent To: **Chu Energy Inc**
 Street, Apt. No. or PO Box No. **PO Box 799**
 City, State, ZIP+4 **Midland TX 79102**
 PS Form 3800, June 2002 See Reverse for Instructions

U.S. Postal Service™
CERTIFIED MAIL™ RECEIPT
(Domestic Mail Only: No Insurance Coverage Provided)

For delivery information visit our website at www.usps.com

OFFICIAL USE

Postage	\$ 1.29	UNIT ID: 0612
Certified Fee	2.30	Postmark Here: OCT-6 2004
Return Receipt Fee (Endorsement Required)	1.75	Postmark Here: OCT-6 2004
Restricted Delivery Fee (Endorsement Required)		Postmark Here: OCT-6 2004
Total Postage & Fees	\$ 5.34	UNIT ID: 0612

Sent To: **Southwest Resources**
 Street, Apt. No. or PO Box No. **200 Casseart Court Sta 1310**
 City, State, ZIP+4 **Dallas TX 75201**
 PS Form 3800, June 2002 See Reverse for Instructions

U.S. Postal Service™
CERTIFIED MAIL™ RECEIPT
(Domestic Mail Only: No Insurance Coverage Provided)

For delivery information visit our website at www.usps.com

OFFICIAL USE

Postage	\$ 1.29	UNIT ID: 0612
Certified Fee	2.30	Postmark Here: OCT-6 2004
Return Receipt Fee (Endorsement Required)	1.75	Postmark Here: OCT-6 2004
Restricted Delivery Fee (Endorsement Required)		Postmark Here: OCT-6 2004
Total Postage & Fees	\$ 5.34	UNIT ID: 0612

Sent To: **Lotigao P.J. Inc**
 Street, Apt. No. or PO Box No. **4155 S. Wall St. 1900**
 City, State, ZIP+4 **Midland, TX 79101**
 PS Form 3800, June 2002 See Reverse for Instructions

U.S. Postal Service™
CERTIFIED MAIL™ RECEIPT
(Domestic Mail Only: No Insurance Coverage Provided)

For delivery information visit our website at www.usps.com

OFFICIAL USE

Postage	\$ 2.67	UNIT ID: 0612
Certified Fee	2.30	Postmark Here: OCT-6 2004
Return Receipt Fee (Endorsement Required)	1.75	Postmark Here: OCT-6 2004
Restricted Delivery Fee (Endorsement Required)		Postmark Here: OCT-6 2004
Total Postage & Fees	\$ 6.72	UNIT ID: 0612

Sent To: **Bureau of Land Management**
 Street, Apt. No. or PO Box No. **170 E. Grand St**
 City, State, ZIP+4 **Carlsbad, NM 88120-1292**
 PS Form 3800, June 2002 See Reverse for Instructions

1301 W. Grand Avenue

Form 3160-5 (April 2004)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT Artesia, NM 88210

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

SUBMIT IN TRIPLICATE- Other instructions on reverse side.

RECEIVED

OCT 28 2004

OOB-ARTESIA

5. Lease Serial No. NM-12211
6. If Indian, Allottee or Tribe Name
7. If Unit or CA/Agreement, Name and/or No.
8. Well Name and No. Oxy T-Bone Fed #1
9. API Well No. 30-015-32122
10. Field and Pool, or Exploratory Area Wilkat Sugar
11. County or Parish, State Eddy New Mexico

1. Type of Well [] Oil Well [x] Gas Well [] Other
2. Name of Operator Judah Oil
3a. Address P.O. Box 568 Artesia, NM 88211
3b. Phone No. (include area code) 505-748-5488
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 660 FNL, 1980 FWL Section 33, T18S, R31E

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

Table with columns TYPE OF SUBMISSION and TYPE OF ACTION. Includes checkboxes for Notice of Intent, Subsequent Report, Final Abandonment Notice, Acidize, Alter Casing, Casing Repair, Change Plans, Convert to Injection, Deepen, Fracture Treat, New Construction, Plug and Abandon, Plug Back, Production (Start/Resume), Reclamation, Recomplete, Temporarily Abandon, Water Disposal, Water Shut-Off, Well Integrity, and Other.

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

Procedure Began September 2, 2004 completed September 3, 2004
1. Set CIBP @ 11740' spotted 35' cement over Bridge Plug. WOC 24 HRS
2. Tested Bridge Plug to 500 lbs - Held.
3. Set CIBP @ 9960' spotted 35' cement over Bridge Plug.
4. Ran CBL from 2300' to 5020'
5. Submitting application for Commercial Water Disposal Well

14. I hereby certify that the foregoing is true and correct Name (Printed/Typed)

Signature: James B. Campanella Title: owner Date: October 22, 2004

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title Office Date

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

(Instructions on page 2)

ACCEPTED FOR RECORD OCT 26 2004 ALEXIS C. SWOBODA PETROLEUM ENGINEER

RECEIVED DIRECTOR OF LAND RIGHTS ROSWELL OFFICE 2004 OCT 25 AM 10:22

30-015-32122-00-00

OXY T-BONE FEDERAL No. 001

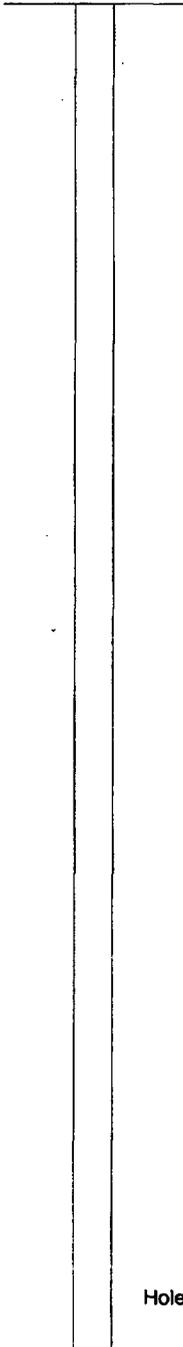
Company Name: JUDAH OIL

Location: Sec: 33 T: 18S R: 31E Spot: **String Information**

Lat/Long: Lat: 32.7094386190837 Long: -103.876617627423

Property Name: OXY T-BONE FEDERAL

County Name: Eddy



Cement Information

Perforation Information

Formation Information

St Code	Formation	Depth
Prust	Rustler	632
Psal	Salado	982
Pbslt	Base of Salt	2032
Pyts	Yates	2236
Psr	Seven Rivers	2686
Psrbs	Bowers Sand	3092
Pqu	Queen	3356
Psa	San Andres	4040
Pdel	Delaware	5045
Pbs	Bone Spring	6342
Pbs3sd	3rd Bone Spring Sand	9414
Pwc	Wolfcamp	9817
PPst	Strawn	10893
Ppat	Atoka	11154
Ppmorl	Morrow Limestone	11554
Ppmorc	Morrow Clastics	11722

Hole: Unknown

TD: 0

TVD: 0

PBDT: