

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 \_\_\_\_\_

*Handwritten notes:*  
5/8  
on 5/12  
OK  
To be submitted  
4) water analysis?

[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

*Handwritten:* 30-015-10748

[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

AUG 20 1965

## 2005 APPLICATION FOR AUTHORIZATION TO INJECT

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

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

II. OPERATOR: Latigo Petroleum, Inc.

ADDRESS: 550 W. Texas, Ste. 700, Midland, TX 79707

CONTACT PARTY: Sabra Woody PHONE: (432) 684-4293

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

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

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

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

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

**VII. Attach data on the proposed operation, including:**

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).

**\*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: Sabra Woody TITLE: Engineering Technician

SIGNATURE: [Signature] DATE: 08/25/2005

E-MAIL ADDRESS: swoody@latigopetro.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.

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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: Laiigo Petroleum, Inc.WELL NAME & NUMBER: Kimball Federal #1WELL LOCATION: 720' FNL & 790' FWL

FOOTAGE LOCATION

UNIT LETTER

SECTION

TOWNSHIP

RANGE

D

6

22S

25E

30-015-10746

WELLBORE SCHEMATICWELL CONSTRUCTION DATASurface CasingHole Size: 17-1/2"Casing Size: 13-3/8"Cemented with: 250 sx. orft<sup>3</sup>Top of Cement: SurfaceMethod Determined: CircIntermediate CasingHole Size: 12-1/4"Casing Size: 8-5/8"Cemented with: 1795 sx. orft<sup>3</sup>Top of Cement: 115'Method Determined: FillupProduction CasingHole Size: 7-7/8"Casing Size: 5-1/2"Cemented with: 1205 sx. orft<sup>3</sup>Top of Cement: SurfaceMethod Determined: CircTotal Depth: 11,500'Injection Interval11,200 feet to 11,400 (Perfs)

(Perforated or Open Hole; indicate which)

**INJECTION WELL DATA SHEET**Tubing Size: 3-1/2" Lining Material: IPC 1850Type of Packer: Arrowset IXPacker Setting Depth: 11,100'Other Type of Tubing/Casing Seal (if applicable): N/AAdditional Data

1. Is this a new well drilled for injection? Yes X No

If no, for what purpose was the well originally drilled? Oil Producer

2. Name of the Injection Formation: Devonian

3. Name of Field or Pool (if applicable): SWD - Devonian

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.

See Wellbore Diagram

5. Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area:

Cisco/Canyon 8000'Morrow 10,100'

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## Application for Authorization to Inject

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- VI. Attached is a tabulation of all wells of public record that fall within the ½ mile radius of the proposed injection well, the Kimball Federal #1. This investigation has further shown that this well has a good cement seal around the casing shoe and will therefore prevent the upward migration of the disposed water into any potable water zone.
- VII. The proposed average daily injection rate for the subject well is 30,000 BWPD; the maximum daily injection rate to be 50,000 BWPD. This is an open system with an average pressure of 1000 and a maximum pressure of 2200 psi. Only produced water from our Two Marks "36" State lease will be injected in the proposed well, so incompatibility will not be a problem.
- VIII. The injection zone is the Devonian which is projected to be between 11,200' and 12,200'. The source of fresh water in this area is the Capitan Reef formation at approximately 400'. There are no known sources of drinking water underlying the injection interval.
- IX. After perforation, the well will be stimulated with 20,000 gallons of 15% NEFE HCl and 10 ball sealers.
- X. Log and test data is on file with the Division.
- XI. Attached is an analysis of the water from the Two Marks "36" State Well No. 1, located approximately 3,000' northwest of the proposed injector. A chemical analysis was not available from any fresh water well.
- XII. The Kimball Federal #1 will be injecting produced water into the Devonian formation. The top of Devonian is projected to be encountered at an approximate depth of 11,200'. The base of Devonian is projected to be at an approximate depth of 12,200'. Gross thickness of the Devonian is approximately 1000'. Lithologically the Devonian is a dolomite with low porosities, however it is naturally fractured. The Woodford shale directly overlying the Devonian acts as a seal.
- XIII. The nearest fresh water well is 4,522' north of the Kimball Federal #1.
- XIV. The required "Proof of Notice" is attached.
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# LATIGO PETROLEUM

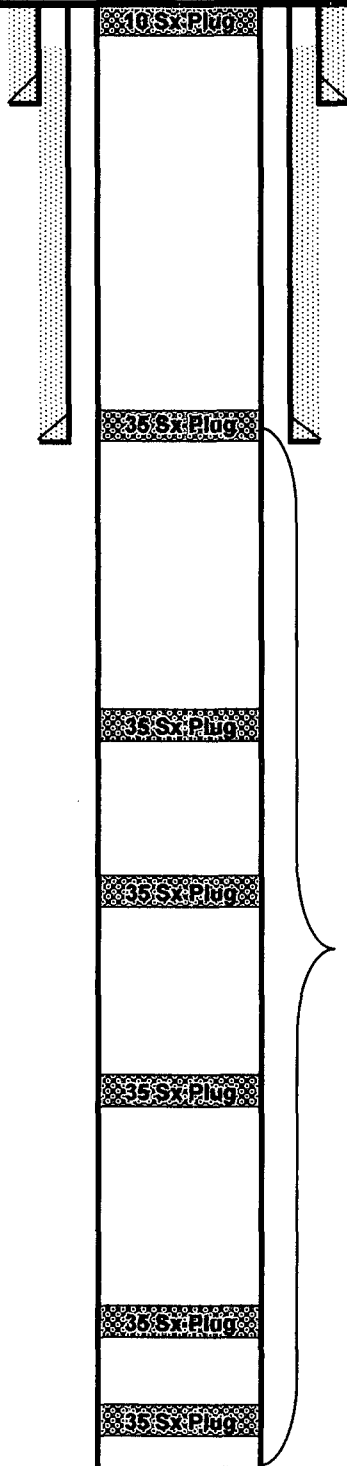
## Midland Area

AREA:  
FIELD:  
LEASE/UNIT: Kimball Federal  
COUNTY: Eddy

DATE: Aug. 23, 2005  
BY: Sabra Woody  
WELL: 1  
STATE: New Mexico

SPUD DATE: 2/27/1966  
COMP. DATE: 4/2/66  
CURRENT STATUS: P&A'd  
LOCATION: 720' FNL & 790' FWL; Sec 6(D); T22S, R25E

KB =  
Elevation = 3,741'  
TD = 10,900'  
PBSD =



10 sx Plug @ 20 - 0'

### 17-1/2" Hole

13 3/8" @ 312'. (48#) Cmt'd  
w/250sx. Circ 75 sx to Surf.

### 12-1/4" Hole

8-5/8" @ 2505', 24# & 32#, Cmt'd  
w/1795 sx cmt.

35 sx Plug @ 2550 - 2450'

35 sx Plug @ 3200 - 3100'

35 sx Plug @ 4800 - 4700'

### 7-7/8" Open Hole

35 sx Plug @ 6400 - 6300'

35 sx Plug @ 8040 - 7940'

35 sx Plug @ 9850 - 9750'

Drilled by Atlantic Refining Co. to  
TD of 8041'. P&D'd 4/2/66.

Re-entered by Coquina Oil Corp.  
11/28/73 and deepened to 10,900'.  
P&A'd 1/5/74.

Note: 8-5/8" Cmt - 3/7/66 -  
TOC @ 1470' per Temp Surv. Pmp'd  
100 sx thru 1", est TOC @ 1428'. 1"  
pipe unscrewed leaving 40 jts in  
hole. Ran 3/4" tbq, could not get  
below 700'. Pmp'd 195 sx thru 1" @  
671'. Lost 24 jts of 3/4" tbq in hole.  
Could not get below 465'. Ran 25 sx  
@ 465'. Tagged @ 451'. Temp Surv  
showed cmt 440-800' & possible cmt  
@ 1000-1200'. Pmp'd 75 sx. Fillup  
@ 362'. Pmp'd 75 sx, fillup @ 282'.  
Pm'd 75 sx, fillup @ 115'. Tested to  
1300# for 30 mins.

Current

# LATIGO PETROLEUM

Midland Area

AREA:  
FIELD:  
LEASE/UNIT: Kimball Federal  
COUNTY: Eddy

DATE: Aug. 23, 2005  
BY: Sabra Woody  
WELL: 1  
STATE: New Mexico

SPUD DATE: 2/27/1966  
COMP. DATE: 4/2/66  
CURRENT STATUS: P&A'd  
LOCATION: 720' FNL & 790' FWL; Sec 6(D); T22S, R25E

KB =  
Elevation = 3,741'  
TD = 11,500'  
PBD =

## 17-1/2" Hole

13 3/8" @ 312'. (48#) Cmt'd  
w/250sx. Circ 75 sx to Surf.

Drilled by Atlantic Refining Co. to  
TD of 8041'. P&D'd 4/2/66.

Re-entered by Coquina Oil Corp.  
11/28/73 and deepened to 10,900'.  
P&A'd 1/5/74.

## 12-1/4" Hole

8-5/8" @ 2505', 24# & 32#,  
Cmt'd w/1795 sx cmt.

## 7-7/8" Hole

DVT @ 7500'

3-1/2" 8.81 ppf, L-80, ULT-FJ, IPC 1850 Tubing  
Set @ 11,200'  
Arrowset 1X Packer @ 11,100'

Perforations:  
11,200 - 11,400'

5-1/2" @ 11,500'. DVT @ 7500'.  
Cmt 1st stg w/655 sx Super H.  
Lead 2nd Stg w/450 sx Iterfill H.  
Tail w/100 sx C Premium.

**Proposed**





# Offset Wells to the Kimball Federal #1

Well	API #	Location N/S	Location E/W	Section	Township, Range	Well Type	Total Depth	Completion Interval	Surface Casing Size (")	Surface Casing Depth (")	Surface Casing Cement (\$X)	Top of Casing Cement	Inter. Casing Size (")	Inter. Casing Depth (")	Inter. Casing Cement (\$X)	Top of Casing Cement	Prod. Casing Size (")	Prod. Casing Depth (")	Prod. Casing Cement (\$X)	Top of Cement	Date P&A
Kimball Federal #1	30-015-10746	720° N	790° W	6	T22S, R25E	P&A'd	10,900'	N/A	13-3/8"	312'	250	Surf-Circ	8-5/8"	2505'	1795	115' - Fillup	5-1/2"	3860'	800	990' CBL	1/5/1974
Canon Champdin 31 Federal #	30-015-25269	690° S	700° W	31	T21S, R25E	P&A'd	3960'	N/A	13-3/8"	208'	300	Surf-Circ	8-5/8"	1501'	1325	Surf-Circ	5-1/2"	3860'	800	990' CBL	11/22/1985

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPT  
(Other instructions  
verse side)

Budget Bureau No. 1004-0135  
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back or to change the well.  
Use "APPLICATION FOR PERMIT" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER Dry Hole		5. LEASE DESIGNATION AND SERIAL NO. NM-25345-A	
2. NAME OF OPERATOR HNG OIL COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
3. ADDRESS OF OPERATOR P. O. Box 2267, Midland, Texas 79702		7. UNIT AGREEMENT NAME	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 660' FSL & 700' FWL, Sec. 31.		8. FARM OR LEASE NAME Canon Champlin 31 Federal	
14. PERMIT NO.		9. WELL NO. 1	
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 3666' GR		10. FIELD AND POOL, OR WILDCAT Wildcat Bone Springs	
		11. SEC., T., R., M., OR BLE. AND SURVEY OR AREA Sec. 31, T21S, R25E	
		12. COUNTY OR PARISH Eddy	
		13. STATE NM	

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF	<input type="checkbox"/>	WATER SHUT-OFF	<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>	FRACTURE TREATMENT	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>	SHOOTING OR ACIDIZING	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	(Other)	<input type="checkbox"/>
(Other)	<input type="checkbox"/>	(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	<input type="checkbox"/>
PULL OR ALTER CASING	<input type="checkbox"/>	REPAIRING WELL	<input type="checkbox"/>
MULTIPLE COMPLETE	<input type="checkbox"/>	ALTERING CASING	<input type="checkbox"/>
ABANDON*	<input type="checkbox"/>	ABANDONMENT*	<input checked="" type="checkbox"/>
CHANGE PLANS	<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. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) \*

11/22/85 - Set CIBP at 200' and dumped 35' cement on top.

Spot 20 sacks Class H at 1543' (wt 15.6 ppg)

Perforated 4 holes at 260' - pumped 40 sx Class H cement, disp to 144'.

Circ 15 sacks Class C 60 feet to surface.

Cut off wellhead & welded on plate and dry-hole marker.

Well P&A 3:00 pm 11-22-85.

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

SIGNED Betty Gildon TITLE Regulatory Analyst DATE 12/3/85

(This space for Federal or State office use)

APPROVED BY Area Manager TITLE Area Manager DATE 8-15-86

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

WELL OIL CONS. COMMISSION  
DRAWER DD (reverse side)

Form approved.  
Budget Bureau No. 1004-0137  
Expires August 31, 1985

LEASE DESIGNATION AND SERIAL NO.

NM 25345-A

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 ☐ DEEP-EN ☐ OTHER ☐

2. NAME OF OPERATOR

HNG OIL COMPANY

3. ADDRESS OF OPERATOR

13140 Coit Road, Suite 500, Dallas, TX 75240

P. O. Box 2267, Midland, Texas 79702

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*

At surface

660' FSL & 700' FWL

At top prod. interval reported below

At total depth

Same

Same

14. PERMIT NO.

DATE ISSUED

4/22/85

12. COUNTY OR PARISH

Eddy

13. STATE

NM

15. DATE SPUDDED

5/25/85

16. DATE T.D. REACHED

6/6/85

17. DATE COMPL. (Ready to prod.)

8/16/85

18. ELEVATIONS (OF, RKB, RT, GR, ETC.)\*

3666' GR

19. ELEV. CASINGHEAD

3666'

20. TOTAL DEPTH, MD & TVD

3860'

21. FLUG. BACK T.D., MD & TVD

2180'

22. IF MULTIPLE COMPL., HOW MANY\*

23. INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

X

24. PRODUCING INTERVAL(S). OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\*

2003-2079

25. TYPE ELECTRIC AND OTHER LOGS RUN

Dual Laterolog, Compensated Neutron-Litho Density

26. WAS WELL CORED

No

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13-3/8"	54.5#	208'	17-1/2"	300 C1 C	Circulated
8-5/8"	24#	1501'	12-1/4"	800 Lite & 525 C1 C	Circulated
5-1/2"	14#	3895'	7-7/8"	600 50/50 poz.	-

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	BACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)

30. TUBING RECORD

31. PERFORATION RECORD (Interval, size and number)

3712-3753 (.44" 8)  
2234-2240 (.44" 7)  
2003-2079 (.35" 20)

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
3712-3753	CIBP at 2510' + 20' cmt on top
2234-2240	CIBP at 2200' + 20' cmt on top
2003-2079	Frac w/40,000 gals mini-max III 30 and 100,000# 12-20 sand

33.\* PRODUCTION

DATE FIRST PRODUCTION PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) WELL STATUS (Producing or shut-in)  
Abandonment Pending

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.)

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

NOV 25 1985

TEST WITNESSED BY

Post ID-2  
12-6-85  
PFA

35. LIST OF ATTACHMENTS

Logs

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

Betty Gildon

TITLE

Regulatory Analyst

DATE

11/20/85

\*(See Instructions and Spaces for Additional Data on Reverse Side)

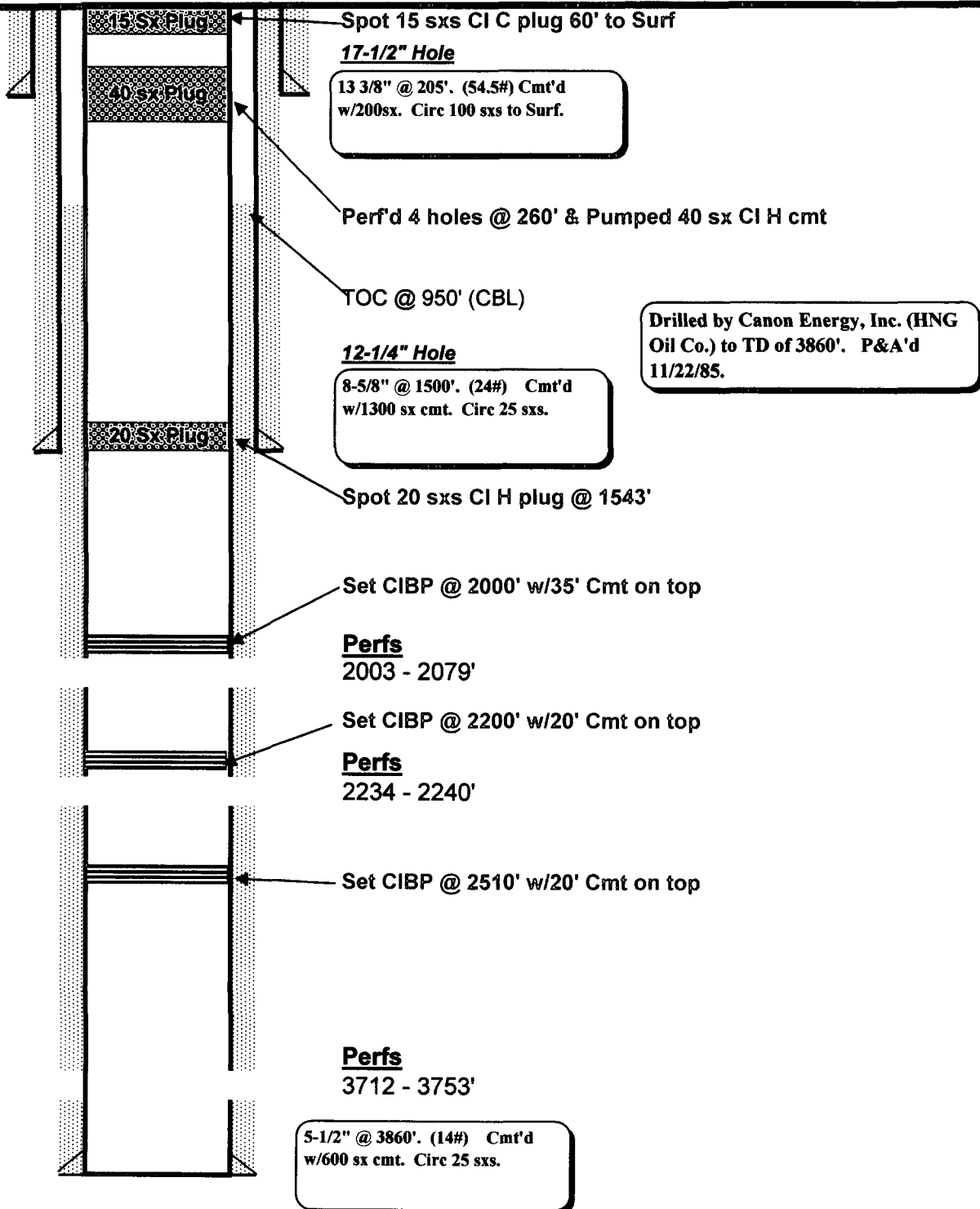
Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

# Plugged Wellbore

AREA:  
FIELD: Wildcat; Bone Spring  
LEASE/UNIT: Canon Champlin 31 Federal  
COUNTY: Eddy

DATE: Aug. 17, 2005  
BY: Sabra Woody  
WELL: 1  
STATE: New Mexico

SPUD DATE: 5/25/1985 KB = 3,679'  
COMP. DATE: 7/4/85 Elevation = 3,666'  
CURRENT STATUS: P&A'd 11/22/85 TD = 3,860'  
LOCATION: 660' FSL & 700' FWL; Sec 31(M); T21S, R25E PBTD =



## MOBILE ANALYTICAL LABORATORIES, INC.

P.O. BOX 69210  
ODESSA, TEXAS 79769-0210  
PHONE (432) 337-4744

5843

## ANALYSIS REPORT

DATE: 06/20/05

Company..... OCCIDENTAL PERMIAN  
Lease/Plant.. TWO MARKS ST. 36-1  
Field.....  
County/State. EDDY/NM  
Operator..... LATIGO  
~~Cylinder No.~~  
H2S (ppm).... 10000

District.....  
Station.....  
Sample..... GAS  
Sample Pr/Temp 150 Psig 123 Deg  
Line Pr/Temp..  
Date Sampled.. 06/14/05  
Sampled By.... JD

## FRACTIONAL ANALYSIS

COMPONENT	MOL %	GPM C2+	GPM C5+
NITROGEN.....	0.69	0.000	0.000
CARBON DIOXIDE	0.73	0.000	0.000
METHANE.....	87.60	0.000	0.000
ETHANE.....	5.32	1.414	0.000
PROPANE.....	1.97	0.539	0.000
ISO-BUTANE....	0.41	0.133	0.000
N-BUTANE.....	0.78	0.245	0.000
ISO-PENTANE...	0.38	0.138	0.138
N-PENTANE.....	0.31	0.112	0.112
HEXANES +.....	0.81	0.351	0.351
H2S.....	1.00	0.000	0.000
TOTALS	100.00	2.932	0.601

WAY is THIS  
Here?

CALC. SP. GRAVITY 0.669

BTU/CU. FT. (14.65 PSIA, 60 DEG. F)

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NOTES :

JEFF DECK (PGM)

**Affidavit of Publication**

NO. 18971

STATE OF NEW MEXICO

County of Eddy:

Gary D. Scott being duly

sworn, says: That he is the Publisher of The  
Artesia Daily Press, a daily newspaper of general  
circulation, published in English at Artesia, said county  
and county and state, and that the here to attached

**Legal Notice**

was published in a regular and entire issue of the said  
Artesia Daily Press, a daily newspaper duly qualified  
for that purpose within the meaning of Chapter 167 of  
the 1937 Session Laws of the state of New Mexico for  
1 consecutive week/days on the same  
day as follows:

First Publication August 11 2005

Second Publication

Third Publication

Fourth Publication

Subscribed and sworn to before me this

12th Day August 2005

Barbara E. Brown  
Notary Public, Eddy County, New Mexico

My Commission expires September 23, 2007

**Copy of Publication:****LEGAL NOTICE**

6-T22S-R25E, Eddy  
County, New Mexico.  
Disposal will be into the  
Dawsonian zone through  
perforations from 11,000'  
- 12,500'. Maximum rate  
and pressure is anticipat-  
ed to be 30,000 BHPD  
and 4400 PSI. Interested  
parties must file objec-  
tions or requests for  
hearing with the New  
Mexico Oil Conservation  
Commission, 1220 South  
Saint Francis, Santa Fe,  
New Mexico 87505 within  
fifteen (15) days of this  
notice.  
Published in the Artesia  
Daily Press, Artesia,  
N.M. August 11, 2005.  
Legal 18971

**Legal Notice**  
**Conversion To Water**  
**Injection Well**  
Latigo Petroleum, 550  
W. Texas, Facken Tower  
II, Suite 700, Midland,  
Texas 79701,  
432-684-4293, contact  
Sabra Woody, has made  
application for a water in-  
jection well with the New  
Mexico Oil Conservation  
Commission. The well,  
known as the Kimball  
Federal #1, is located  
720' FNL and 790' FUL  
UL D, Sec.



Fasken Center Tower II • 550 W. Texas, Suite 700 • Midland, Texas 79701 • 432-684-4293 • 432-684-0829 FAX

*VIA CERTIFIED MAIL / RETURN RECEIPT REQUESTED*

August 24, 2005

Donald W. Gregory  
617 Queen Route  
Carlsbad, NM 88220

Re: **Notification of Intent to Inject -**  
**Kimball Federal #1**  
UL D; 720' FNL & 790' FWL; Sec 6-T22S-R25E  
Eddy County, New Mexico

To Whom It May Concern:

Latigo Petroleum, Inc. has submitted an application to the New Mexico Oil Conservation Division requesting authority to inject water into the Kimball Federal #1.

The New Mexico Oil Conservation Division requires that all surface owners and leasehold operators within a one-half mile radius of the proposed injection well be sent copies of the Application for Authority to Inject. In compliance with this requirement, you will find copies of the application attached to this letter.

Any objections or requests for hearings must be filed with the Oil Conservation Division, 1220 South St. Francis Dr., Santa Fe, New Mexico 87505. If any questions arise concerning this matter, please contact me at (432) 684 - 4293.

Sincerely,

  
Sabra Woody  
Engineering Technician

Attachments



# LATIGO

Petroleum, Inc.

Fasken Center Tower II, 550 W. Texas, Suite 700  
Midland, Texas 79701

7004 1160 0000 4929 2735

Donald W. Gregory  
617 Queen Route  
Carlsbad, NM 88220

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	Restricted Delivery Fee (Endorsement Required)				
Total Postage					
Sent To		Donald W. Gregory			
Street, Apt. No. or PO Box No.		617 Queen Route			
City, State, Zip		Carlsbad NM 88220			

PS Form 3800, June 2002 See Reverse for Instructions



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*VIA CERTIFIED MAIL / RETURN RECEIPT REQUESTED*

August 24, 2005

Yates Petroleum Corporation  
105 South 4th Street  
Artesia, NM 88210

Re: **Notification of Intent to Inject -**  
Kimball Federal #1  
UL D; 720' FNL & 790' FWL; Sec 6-T22S-R25E  
Eddy County, New Mexico

To Whom It May Concern:

Latigo Petroleum, Inc. has submitted an application to the New Mexico Oil Conservation Division requesting authority to inject water into the Kimball Federal #1.

The New Mexico Oil Conservation Division requires that all surface owners and leasehold operators within a one-half mile radius of the proposed injection well be sent copies of the Application for Authority to Inject. In compliance with this requirement, you will find copies of the application attached to this letter.

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Sincerely,

  
Sabra Woody  
Engineering Technician

Attachments



Fasken Center Tower II, 550 W. Texas, Suite 70  
Midland, Texas 79701

CERTIFIED MAIL<sup>TM</sup>

7004 1160 0000 4929 2728

Yates Petroleum Corporation  
105 South 4th Street  
Artesia, NM 88210

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Restricted Delivery Fee (Endorsement Required)	
Total	
Yates Petroleum Corp. 105 S 4 <sup>th</sup> St Artesia NM 88210	
PS Form 3800, January 2002	



Fasken Center Tower II • 550 W. Texas, Suite 700 • Midland, Texas 79701 • 432-684-4293 • 432-684-0829 FAX

*VIA CERTIFIED MAIL / RETURN RECEIPT REQUESTED*

August 24, 2005

Nearburg Producing Co.  
P.O. Box 823085  
Dallas, TX 75382

Re: **Notification of Intent to Inject -**  
Kimball Federal #1  
UL D; 720' FNL & 790' FWL; Sec 6-T22S-R25E  
Eddy County, New Mexico

To Whom It May Concern:

Latigo Petroleum, Inc. has submitted an application to the New Mexico Oil Conservation Division requesting authority to inject water into the Kimball Federal #1.

The New Mexico Oil Conservation Division requires that all surface owners and leasehold operators within a one-half mile radius of the proposed injection well be sent copies of the Application for Authority to Inject. In compliance with this requirement, you will find copies of the application attached to this letter.

Any objections or requests for hearings must be filed with the Oil Conservation Division, 1220 South St. Francis Dr., Santa Fe, New Mexico 87505. If any questions arise concerning this matter, please contact me at (432) 684 - 4293.

Sincerely,

  
Sabra Woody  
Engineering Technician

Attachments

**LATIGO**  
Petroleum, Inc.

Fasken Center Tower II, 550 W. Texas, Suite 7  
Midland, Texas 79701

7004 1160 0000 4929 2711

Nearburg Producing Co.  
P.O. Box 823085  
Dallas, TX 75382

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Nearburg Producing Co.  
PO Box 823085  
Dallas TX 75382

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or PO B  
City, St

PS Form

uctions

7004 1160 0000 4929 2711



Fasken Center Tower II • 550 W. Texas, Suite 700 • Midland, Texas 79701 • 432-684-4293 • 432-684-0829 FAX

*VIA CERTIFIED MAIL / RETURN RECEIPT REQUESTED*

August 24, 2005

Chesapeake Operating, Inc.  
P.O. Box 18496  
Oklahoma, OK 73154-0496

Re: **Notification of Intent to Inject -**  
Kimball Federal #1  
UL D; 720' FNL & 790' FWL; Sec 6-T22S-R25E  
Eddy County, New Mexico

To Whom It May Concern:

Latigo Petroleum, Inc. has submitted an application to the New Mexico Oil Conservation Division requesting authority to inject water into the Kimball Federal #1.

The New Mexico Oil Conservation Division requires that all surface owners and leasehold operators within a one-half mile radius of the proposed injection well be sent copies of the Application for Authority to Inject. In compliance with this requirement, you will find copies of the application attached to this letter.

Any objections or requests for hearings must be filed with the Oil Conservation Division, 1220 South St. Francis Dr., Santa Fe, New Mexico 87505. If any questions arise concerning this matter, please contact me at (432) 684 - 4293.

Sincerely,

A handwritten signature in black ink, appearing to read "Sabra Woody".

Sabra Woody  
Engineering Technician

Attachments

**LATIGO**  
Petroleum, Inc.

Pasken Center Tower II, 550 W. Texas, Suite 700  
Midland, Texas 79701

7004 1160 0000 4929 2704

Chesapeake Operating, Inc.  
P.O. Box 18496  
Oklahoma, OK 73154-0496

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Total P

Sent To

Street, Apt.  
or PO Box

City, St.

Chesapeake Operating, Inc.  
PO Box 18496  
Oklahoma, OK 73154-0496

PS Form 3800, June 2002 See Reverse for Instructions

4022 6264 0000 0911 4002

**Jones, William V., EMNRD**

---

**From:** Jones, William V., EMNRD  
**Sent:** Thursday, September 01, 2005 7:35 PM  
**To:** 'swoody@latigopetro.com'  
**Subject:** SWD Application for the Kimball Federal #1

Hello Ms. Sabra Woody:

The Division received your application to inject on August 29, 2005. After a review of the application....

1) Please send a copy of a water analysis on the Two Marks 36 State Well No. 1 and state which formation this well produces from.  
(You had sent a Gas analysis with the application - apparently this is a high H2S area.)

Thank You,

William V. Jones

Engineering Bureau

Oil Conservation Division

Santa Fe

9/1/2005



# Memo

**To:** William V. Jones  
**From:** Sabra Woody  
**CC:** Bryan Arrant  
**Date:** 9/2/2005  
**Re:** Kimball Federal #1 Injection Application – Water Analysis

---

Attached is a water analysis from the Two Marks "36" State #1. The water was produced from the Indian Basin, Upper Penn Assoc. pool.

Enclosure

**MILLER CHEMICALS, INC.**

Post Office Box 298

Artesia, N.M. 88211-0298

(505) 746-1919 Artesia Office

(505) 392-2893 Hobbs Office

(505) 746-1918 Fax

**WATER ANALYSIS REPORT**

Company : LATIGO

Address :

Lease :

Well :

Sample Pt. :

Date : JUNE 5th, 2005

Date Sampled : JUNE 3rd, 2005

Analysis No. :

ANALYSIS		mg/L	* meq/L	
		----	-----	
1.	pH	6.9		
2.	H2S	120		
3.	Specific Gravity	1.005		
4.	Total Dissolved Solids	9984.0		
5.	Suspended Solids	NR		
6.	Dissolved Oxygen	NR		
7.	Dissolved CO2	NR		
8.	Oil In Water	NR		
9.	Phenolphthalein Alkalinity (CaCO3)			
10.	Methyl Orange Alkalinity (CaCO3)			
11.	Bicarbonate	HCO3 1464.0	HCO3	24.0
12.	Chloride	Cl 4899.0	Cl	138.2
13.	Sulfate	SO4 500.0	SO4	10.4
14.	Calcium	Ca 1360.0	Ca	67.9
15.	Magnesium	Mg 753.8	Mg	62.0
16.	Sodium (calculated)	Na 982.1	Na	42.7
17.	Iron	Fe 25.0		
18.	Barium	Ba NR		
19.	Strontium	Sr NR		
20.	Total Hardness (CaCO3)	6500.0		

**PROBABLE MINERAL COMPOSITION**

*milli equivalents per Liter	Compound	Equiv wt	X meq/L	= mg/L
+-----+				
68   *Ca <----- *HCO3   24	Ca (HCO3) 2	81.0	24.0	1945
-----  /----->  -----	CaSO4	68.1	10.4	709
62   *Mg -----> *SO4   10	CaCl2	55.5	33.5	1856
-----  <-----/  -----	Mg (HCO3) 2	73.2		
43   *Na -----> *Cl   138	MgSO4	60.2		
+-----+	MgCl2	47.6	62.0	2952
Saturation Values Dist. Water 20 C	NaHCO3	84.0		
CaCO3 13 mg/L	Na2SO4	71.0		
CaSO4 * 2H2O 2090 mg/L	NaCl	58.4	42.7	2497
BaSO4 2.4 mg/L				

REMARKS:

SCALE TENDENCY REPORT  
-----

Company	: LATIGO	Date	: JUNE 6th, 2005
Address	:	Date Sampled	: JUNE 3rd, 2005
Lease	: TWO MARKS "36" STATE	Analysis No.	:
Well	: #1	Analyst	: S. TIGERT
Sample Pt.	: WELLHEAD		

STABILITY INDEX CALCULATIONS  
(Stiff-Davis Method)  
CaCO3 Scaling Tendency

S.I. =	1.2	at	70 deg. F	or	21 deg. C
S.I. =	1.2	at	90 deg. F	or	32 deg. C
S.I. =	1.2	at	110 deg. F	or	43 deg. C
S.I. =	1.3	at	130 deg. F	or	54 deg. C
S.I. =	1.3	at	150 deg. F	or	66 deg. C

\*\*\*\*\*

CALCIUM SULFATE SCALING TENDENCY CALCULATIONS  
(Skillman-McDonald-Stiff Method)  
Calcium Sulfate

S =	1705	at	70 deg. F	or	21 deg C
S =	1765	at	90 deg. F	or	32 deg C
S =	1793	at	110 deg. F	or	43 deg C
S =	1785	at	130 deg. F	or	54 deg C
S =	1763	at	150 deg. F	or	66 deg C

Respectfully submitted,

S. TIGERT

N. M. O. C. C. COPY

Copy 45F

Form 9-331 C  
(May 1963)

SUBMIT IN TRIPPLICATE\*  
(Other instructions on  
reverse side)

Form approved  
Budget Bureau No. 42-R1425.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK  
DRILL ☐ *Relining* DEEPEN ☒ PLUG BACK ☐

b. TYPE OF WELL  
OIL WELL ☒ GAS WELL ☐ OTHER ☐ SINGLE ZONE ☒ MULTIPLE ZONE ☐

2. NAME OF OPERATOR  
Coquina Oil Corporation

3. ADDRESS OF OPERATOR  
200 Bldg. of Southwest, Midland, Texas 79701

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)  
At surface 720' FNL & 790' FWL of Sec. 6  
At proposed prod. zone Same

5. LEASE DESIGNATION AND SERIAL NO.  
NM 8666

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
D Kimball-Federal

9. WELL NO.  
1

10. FIELD AND POOL OR WILDCAT  
Wildcat

11. SEC. T. R. M. OR BLM. AND SURVEY OR AREA  
Sec. 6, T22S, R25E

12. COUNTY OR PARISH  
Eddy

13. STATE  
N.M.

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE  
11 miles West of Carlsbad, New Mexico

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drg. unit line, if any)  
720'

16. NO. OF ACRES IN LEASE  
160

17. ACRES ASSIGNED TO THIS WELL  
40

18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.  
NA

19. PROPOSED DEPTH  
11,750'

20. ROTARY OR CABLE TOOLS  
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
G. L. 3741'

22. APPROX. DATE WORK WILL START\*  
November 16, 1973

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17 1/2"	13 3/8"	48	312	250 sx.
12 1/4"	8 5/8"	24 & 32	2505	1250 sx.
7 7/8"	5 1/2"	15.5&17	11750	800 sx.

The subject well was originally drilled by Atlantic Refining Co. as their #3 Walt Canyon Unit to a total depth of 8041 feet. Found to be non-productive and plugged and abandoned on April 2, 1966. The following tops were picked from original log: Dela lime 2504'; Bone Spring 4667'; Wolfcamp Sd 7179'; Wolfcamp Shale 7543'; Cisco 8007'. A DST in the Cisco recovered 7125' GC sulphur water. It is our intention to clean out the old hole to 8041' and drill a new 7 7/8" hole to test the Devonian at approx. 11,600'. None of the 13 3/8" casing or 8 5/8" casing was pulled when originally P&A. We will nipple up BOP stack as per attached sketch and tested to rated pressures. At such time as the Wolfcamp Sand depth is reached, pit volume totalizer flow sensor and pump stroke counter will be installed on the mud system. A salt water gel mud system of adequate weight, vis., and water loss will be maintained to total depth. Should commercial production be encountered by total depth, 5 1/2" casing will be run and cemented with adequate cement volume to properly protect the producing zone.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED (J. I. Berry) TITLE Superintendent DATE 11-13-73  
(This space for Federal or State office use)

NOV 20 1973

PERMIT NO.                      APPROVAL DATE                       
APPROVED BY *J. I. Berry* DISTRICT ENGINEER  
CONDITIONS OF APPROVAL, IF ANY:                      DATE                     

THIS APPROVAL IS REVOKED IF OPERATIONS  
HAVE NOT COMMENCED WITHIN 3 MONTHS.

\*See Instruction. On Reverse Side

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

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formations, and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

should be listed on this form, see item 33.  
 or Federal office for specific instructions.  
 Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.  
 Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) if any, for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.  
 Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.  
 Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.) Consult local State

37. SUMMARY OF POROUS ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF: CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES		38. GEOLOGIC MARKERS	
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
DST #1 testing Penn (Cisco) open hole 8014-9041. 15/16" WC, 1/2" TC, No WC. Took 5 min preflow. Took 75 min ISI. Tool open 2 hrs. GTS in 2 min & died in 21 min. Took 75 min FSI. Recovered 7125' of gaseous sulfur water.			
	IMP = 3681#	75" ISIP = 3178#	Yates-7 Rivers Surface (Undifferentiated)
	75" ISIP = 3178#	75" FSIIP = 3178#	Capitan Reef 1015
	IFP = 1812#	FHP = 3681#	Gryburg-SA 1430
	BHT = 151° F.		(Undifferentiated)
		PPP = 3178#	Shelf-Basin 1545
			Transition zone 2505
			Delaware Mtn 3646
			Yeso Trans- ition zone 4004
			Bone Spring 7198
			Lime 7500
			Dean sand 8004
			Wolfcamp
			Pennsylvanian

# INSTRUCTIONS

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

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

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

**Item 13:** Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. **Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

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

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

37. SUMMARY OF POROUS ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES			38. GEOLOGIC MARKERS			
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Strawn Atoka Morrow	9390 9600 10065	9600 10065 10479	Ls. Ls., Sh., Sd. Sd., Sh., Ls., DST #1 - 10,151-10,180' 15" ID 66-110 psi 60" ISI 3828 psi 60" ISI 176-375 psi 120 FSI 3762' Rec. 764' mud plus 120' SW  DST #2 10,253-10,358' 15" IF 90-90 psi 60" ISI Not recorded 60" FF 105-105 psi 120" FSI 1247 psi Rec. 120' mud.  DST #3 10,400-10,427' 15" IF 42-42 psi; 60' ISI 42 psi; 60" FF 42-42 psi; 120" FSI 42 psi Rec. 85' mud.			
Chester	10795	10900				

N. M. O. C. C. COPY  
UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN TRIPL  
(Other instructions  
reverse side)

DE-  
TH-

Form approved,  
Budget Bureau No. 42-01424.

5. LEASE DESIGNATION AND SERIAL NO.

NM 8666

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT" for such proposals.)

RECEIVED

1. ☐ OIL WELL ☐ GAS WELL ☐ OTHER Dry hole

2. NAME OF OPERATOR SEP - 6 1974

3. ADDRESS OF OPERATOR Coquina Oil Corporation ✓

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.  
See also space 17 below.) O. C. C.

200 Bldg. of Southwest, Midland, Texas 79701

At surface

720' FNL & 790' FWL of Sec. 6

14. PERMIT NO. 15. ELEVATIONS (Show whether DF, BT, GR, etc.)

G.L. 3741

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Kimball-Federal

9. WELL NO.

10. FIELD AND POOL, OR WILDCAT

Wildcat

11. SEC., T., R., M., OR BLM. AND SURVEY OR AREA

Sec 6, T22S, R25E

12. COUNTY OR PARISH

Eddy

13. STATE

N.M.

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐ PULL OR ALTER CASING ☐  
FRACTURE TREAT ☐ MULTIPLE COMPLETE ☐  
SHOOT OR ACIDIZE ☐ ABANDON\* ☐  
REPAIR WELL ☐ CHANGE PLANS ☐  
(Other) ☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐ REPAIRING WELL ☐  
FRACTURE TREATMENT ☐ ALTERING CASING ☐  
SHOOTING OR ACIDIZING ☐ ABANDONMENT\* ☒  
(Other) ☐

(NOTE: Report results of multiple completion on Well Completion or Re-completion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) \*

This well was drilled to a total depth of 10,900'. No casing was pulled and the following plugs were set January 5, 1974.

Plug No.	Cmt.	Depth
1	35 sx.	9850-9750'
2	35	8040-7940'
3	35	6400-6300'
4	35	4800-4700'
5	35	3200-3100'
6	35	2550-2450'
7	10	20- 0

Mud weight 9.1#/gal.

Rig released @ 12:00 Noon 1-5-74.

RECEIVED

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

SIGNED Duane Radtke TITLE Engineer

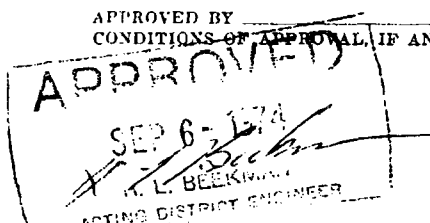
DATE 1-14-74

(This space for Federal or State office use)

APPROVED BY  
CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE



\*See Instructions on Reverse Side