

COUNTY *Lea*

POOL

*Querecho Plains - Bone Springs**Upper*

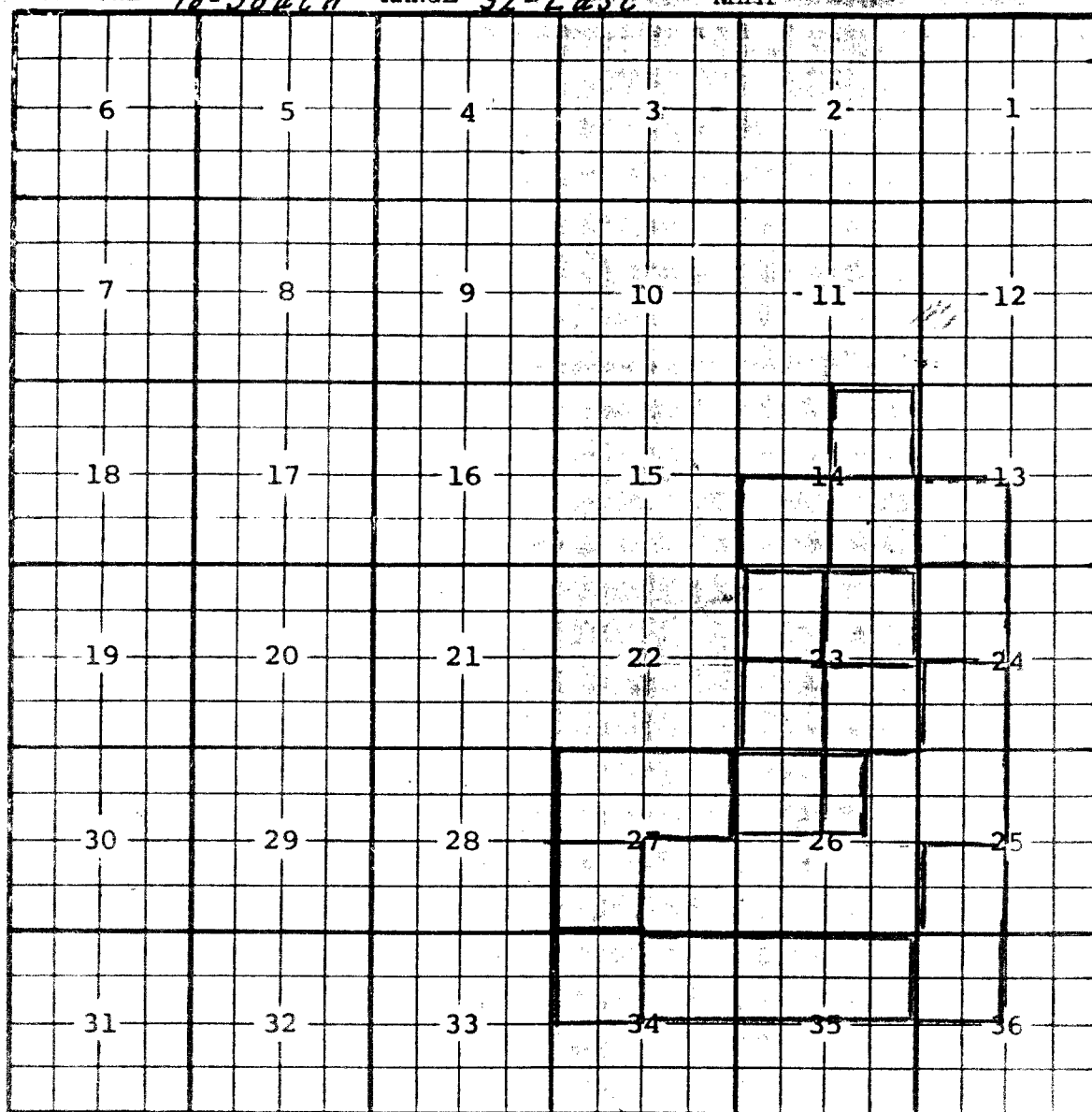
TOWNSHIP

18-South

RANGE

32-East

NMPM



Description: $\frac{5}{8}$ Sec. 27, (R-1424, T-1-59).

Ext. $\frac{NW}{4}$ Sec. 34 (R-5982, 4-1-79) Redesignated "UPPER" Bone Springs with vertical limits set at 9390' - 8680' (R-6332-A, 2-21-80)

Ext. $\frac{NE}{4}$ Sec. 34, $\frac{N}{2}$ Sec. 35 (R-7396, 12-8-87) Ext. $\frac{N}{2}$ Sec. 27 (R-8024, 8-30-85)

Ext. $\frac{NW}{4}$ Sec. 26 (R-8041, 10-3-85)

Ext. $\frac{SW}{4}$ Sec. 23, $\frac{SW}{4}$ Sec. 25, $\frac{W}{2}$ $\frac{NE}{4}$ Sec. 26, $\frac{NW}{4}$ Sec. 36 (R-8214, 5-1-86)

Ext. $\frac{SW}{4}$ Sec. 24, $\frac{NW}{4}$ Sec. 25, $\frac{E}{2}$ $\frac{NE}{4}$ and $\frac{S}{2}$ Sec. 26, $\frac{SE}{4}$ Sec. 27 (R-8233, 5-29-86)

Ext. $\frac{SE}{4}$ Sec. 23 (R-8277, 8-14-86) Ext. $\frac{SE}{4}$ Sec. 22 (R-8340, 11-3-86)

Ext. $\frac{NW}{4}$ Sec. 23 (R-8409, 3-7-87) Ext. $\frac{NE}{4}$ Sec. 23 (R-8533, 10-28-87)

Ext. $\frac{SW}{4}$ Sec. 14 (R-8856, 1-29-89) Ext. $\frac{SE}{4}$ Sec. 14 (R-8901, 4-1-89)

Int. $\frac{SW}{4}$ Sec. 13 (R-8940, 7-1-89) Ext. $\frac{NW}{4}$ Sec. 24 (R-9741, 9-1-89) Ext. $\frac{NE}{4}$ Sec. 14, (R-9120, 3-1-90)

UNITED STATES OIL CONSERVATION DIVISION
DEPARTMENT OF THE INTERIOR RECEIVED
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Anadarko Petroleum Corporation

3. Address and Telephone No.

P.O. Drawer 130, Artesia, New Mexico 88211-0130 (505) 748-3368

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

1980/L & W Unit K 26-18-32

5. Lease Designation and Serial No.

NM - 25513

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Pe-Je-An Federal #1

9. API Well No.

29596
30-025-02956

10. Field and Pool, or Exploratory Area

Querecho Plains

11. County or Parish, State

Lea County, NM

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

TYPE OF SUBMISSION

☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment
☐ Recompletion
☒ Plugging Back
☐ Casing Repair
☐ Altering Casing
☐ Other

☐ Change of Plans
☐ New Construction
☐ Non Routine Fracturing
☐ Water Shut Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form I)

13. 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.)*

NOTE: "Notice of Intent" was filed on form 3160-3 (plug back). To abandon the Bone Springs and recomplete in the Delaware.

- (1) Rigged up pulling unit; installed BOP; set CIBP @ 9309'.
- (2) Ran dump bailer & dumped 35' cement on top of CIBP.
- (3) Ran GR/CCL log from 7250'-3500'; perforated 4-squeeze holes @ 7034' (hole in casing at 7035').
- (4) Set cement retainer @ 6932'.
- (5) Cemented (outside 5½" csg) w/ 650 sx, Class H w/ .6% Halad 9 & tailed in w/500 sx, Class H w/ 10#/sx microbond; stung out of CR; reversed clean.
- (6) Ran T° survey - TOC @ 1450' (was trying to bring cement back to 3008' or higher).

NOTE: Will complete in Delaware (soon) and file another "Subsequent Report".

ACCEPTED FOR RECORD

JAN 14 1992

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

Signed James E. Luckler Title Area Supervisor CARLSBAD, NEW MEXICO 01-03-92

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____
Conditions of approval, if any:

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK OIL CONSERVATION DRILL ☐ REDEEPEN ☐ DEEPEN ☐ PLUG BACK ☒		5. LEASE DESIGNATION AND SERIAL NO. NM-25513
b. TYPE OF WELL OIL WELL ☒ WATER WELL ☐ OTHER ☐		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
2. NAME OF OPERATOR ANADARKO Petroleum Corporation		7. UNIT AGREEMENT NAME
3. ADDRESS OF OPERATOR P.O. DRAWER 130, Artesia, NM 88211-0130		8. FARM OR LEASE NAME PE-JE-AN
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 1980' FSEWL Unit K		9. WELL NO. 1
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 12 miles SE of ALAMOGADO, N.M.		10. FIELD AND POOL, OR WILDCAT Querecho PLAINS
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drilg. unit line, if any)		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA 26-185-32E
16. NO. OF ACRES IN LEASE 400		12. COUNTY OR PARISH LEA
17. NO. OF ACRES ASSIGNED TO THIS WELL 40		13. STATE NM
18. DISTANCE FROM PROPOSED* LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.		20. ROTARY OR CABLE TOOLS
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 3742 GR		22. APPROX. DATE WORK WILL START* 12/18/91

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT

Proposal (Recomplete from Bone Springs to Delaware)

① Set CIBP @ 9309'

② Run dump bailer & dump 35' cement on top of CIBP.

③ Set Cement Retainer @ 7175'

④ Circulate cement (outside 5 1/2" casing) from 7235' (hole in seq.) to 3008' (will try to tie cement back into 8 5/8" intermediate).

⑤ Perforate Delaware; acidize &/or frac; put on pump.

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 James E. Dushles TITLE Area Supervisor DATE 12/18/91

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE 12-20-91

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

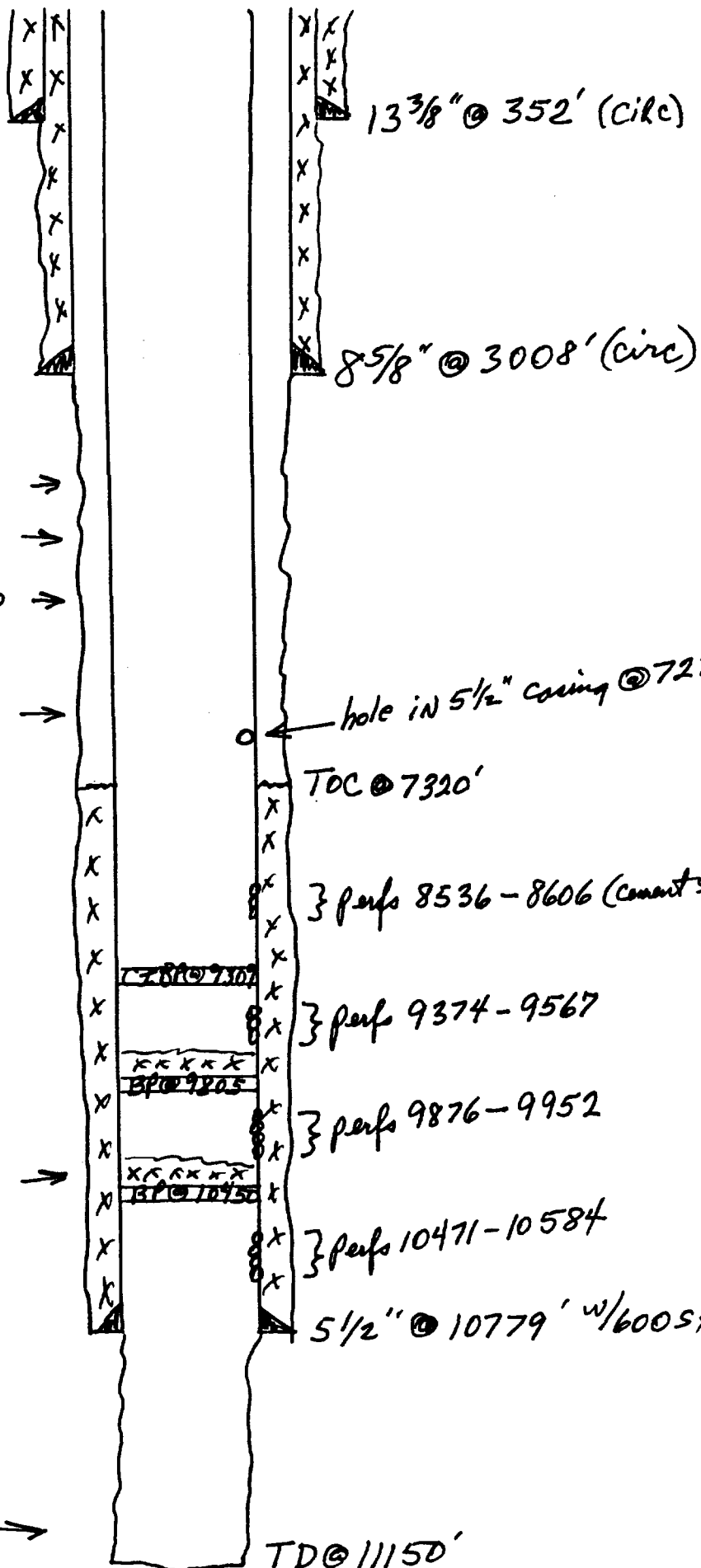
Canadian Petroleum Corp
PE-JE-AN Fed. #1
1980' FS & WLs
26-18S-32E
Lea Co., NM

Lease NM-25513

Queen 3950 →
San Andres 4800 →
Delaware 5300 →
Bone Springs 7000 →

Wolfcamp 10300 →

Top Cisco-Cny Shale 11000 →



TD @ 11150'

Formation Tops

JFG #1 PE-JE-AN Federal #1

Rustler	1150
Salt	1350
Base Salt	2630
Yates	2970
Yates Pay	3220*
Seven Rivers	3370
Queen	3950*
Penrose	4150
Grayburg	4400
San Andres	4800
Delaware	5300*
Bone Spring Ls	7000
1st Bone Spring Sd	8400
1st Sd Pays	8400-8500*
	8550-8600*
2nd Bone Spring Ls	8740
2nd Sd Pay	9100-9200*
3rd Bone Spring Ls	9670
3rd Bone Spring Dol.	9750-9900*
3rd Sd	9940
Wolfcamp	10300*
Top Cisco-Cnyn Shales	11000

***Potential pay zones**

Form 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OIL CONSERVATION DIVISION
RECEIVED

FORM APPR/2/92
Budget Bureau No. 1000-0-0
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

5. Lease Designation and Serial No
NM0392867
Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE

1. Type of Well
☐ Oil Well ☐ Gas Well ☒ Other SWD

2. Name of Operator
BTA Oil Producers

3. Address and Telephone No.
104 S. Pecos, Midland, TX 79701 915-682-3753

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
660' FNL & 1980' FWL
Sec 24, T18S, R32E

7. If Unit or CA, Agreement Designation

8. Well Name and No
Cinco de Mayo Fed #1

9. API Well No
30-025-00869

10. Field and Pool, or Exploratory Area
Shinnery Queen

11. County or Parish, State
Lea County, NM

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

TYPE OF SUBMISSION	TYPE OF ACTION	
☐ Notice of Intent	☒ Abandonment	☐ Change of Plans
☐ Subsequent Report	☐ Recompletion	☐ New Construction
☐ Final Abandonment Notice	☐ Plugging Back	☐ Non-Routine Fracturing
	☐ Casing Repair	☐ Water Shut-Off
	☐ Altering Casing	☐ Conversion to Injection
	☐ Other	☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. 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.)*

9-10-92: MIRU Sqzd Perfs w/30 sx, Tested sqz to 3000 psi - OK, WOC, SION.

9-11-92: Set CIBP @ 3900', Cap w/35' cmt.

9-14-92: Spot 50 sx plug @ 2000-1864'
Spot 50 sx plug @ 810- 674'
Spot 15 sx plug @ 50-Surface
P & A, Installed Dry Hole Marker.

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

Signed

(This space for Federal or State office use)

Title Regulatory Administrator

Date 9-18-92

Approved by

Conditions of approval, if any:

Title

Date

9/28/92

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.)

*See Instruction on Reverse Side

Form 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
MIDLAND DIVISION

Budget Bureau No. 200-41.25
Expires March 31, 1991

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or to install a well in a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

5. Lease Designation and Serial No.
NM0392867

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil Well ☐ Gas Well ☒ Other SWD

2. Name of Operator

BTA Oil Producers

3. Address and Telephone No.

104 S. Pecos; Midland, Texas 79701 (915) 682-3753

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

660' FNL & 1980' FWL
Sec. 24, T18S, R32E

8. Well Name and No.

Cinco de Mayo Fed #1

9. API Well No.

30-025-00869

10. Field and Pool, or Exploratory Area

Shinnery Queen

11. County or Parish, State

Lea County, NM

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

TYPE OF SUBMISSION

☒ Notice of Intent

☐ Subsequent Report

☐ Final Abandonment Notice

TYPE OF ACTION

☒ Abandonment

☐ Recompletion

☐ Plugging Back

☐ Casing Repair

☐ Alarming Casing

☐ Other

☐ Change of Plans

☐ New Construction

☐ Non-Routine Fracturing

☐ Water Shut-Off

☐ Conversion to Injection

☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. 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.)

Proposed Procedure

Pump 30 sx cmt plug below pkr @ 3949' from 3966-4016'

WOC 12 hrs, POH w/tbg & pkr

~~Spot 50 sx plug @ 3900-3780'~~ → Set CIBP @ ~3900'. Cap. w/ 35' cm+.

Spot 50 sx plug @ 2000-1880'

Spot 50 sx plug @ 810-690' (13-3/8" csg shoe)

Spot 15 sx plug 50' to surface

Install dry hole marker

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

Signed *Louise Loyce*

Administrative
Title Production Supervisor

Date 08/18/92

(This space for Federal or State office use)

Approved by
Conditions of approval, if any:

Title

Date 8/27/92

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

*See Instruction on Reverse Side

Form 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

CONSERVATION DIVISION
RECEIVED

FORM APPROVED
Budget Bureau No. 1006-0135
Expires March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well ☐ Oil Well ☐ Gas Well ☒ Other SWD	5. Lease Designation and Serial No. NM0392867
2. Name of Operator BTA Oil Producers	6. If Indian, Allottee or Tribal Name
3. Address and Telephone No. 104 S Pecos, Midland, TX 79701 915-682-3753	7. If Unit or CA, Agreement Designation
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 660' FNL & 1980' FWL Sec 24, T18S, R32E	8. Well Name and No. Cinco de Mayo Fed #1
	9. API Well No. 30-025-00869
	10. Field and Pool, or Exploratory Area Shinnery Queen
	11. County or Parish, State Lea Co., NM

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA	
TYPE OF SUBMISSION	TYPE OF ACTION
☒ Notice of Intent ☐ Subsequent Report ☐ Final Abandonment Notice	☐ Abandonment ☐ Recompletion ☐ Plugging Back ☐ Casing Repair ☐ Altering Casing ☐ Other _____ ☒ Change of Plans ☐ New Construction ☐ Non-Routine Fracturing ☐ Water Shut-Off ☐ Conversion to Injection ☐ Dispose Water (Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. 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.)

Request by Form 3160-3 dated 6-21-91 is hereby cancelled. We do not plan to deepen this well at this time.

Adm

NOV 17 1992

NEW MEXICO

14. I hereby certify that the foregoing is true and correct.	
Signed <u>[Signature]</u>	Title <u>Regulatory Administrator</u> Date <u>6-8-92</u>
(This space for Federal or State office use)	
Approved by _____	Title _____ Date _____
Conditions of approval, if any:	

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.

*See instruction on Reverse Side

Form 3160-3
(December 1990)

OIL CONSERVATION DIVISION
UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE
(Other instructions on
reverse side)

Form approved
Budget Bureau No. 1004-0136
Expires: December 31, 1991

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK DRILL ☐ DEEPEN ☐ Workover		5. LEASE DESIGNATION AND SERIAL NO. NM392867
1b. TYPE OF WELL OIL WELL ☐ GAS WELL ☐ OTHER SWD ☐ SINGLE ZONE ☒ MULTIPLE ZONE ☐		6. IS INDIAN, ALLOTTEE OR TRIBE NAME
2. NAME OF OPERATOR BTA Oil Producers		7. UNIT AGREEMENT NAME
3. ADDRESS AND TELEPHONE NO. 104 S. Pecos, Midland, TX 79701		8. FARM OR LEASE NAME WELL NO. Cinco de Mayo Fed #1
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 660' FNL & 1980' FWL At proposed prod. zone		9. API WELL NO. 30-025-00869
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE 8 miles South from Matamor		10. FIELD AND POOL, OR WILDCAT Undesignated Devonian
15. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest dril. unit line, if any) 1980		11. SEC., T., R., W., OR BLK. AND SURVEY OR AREA Sec 24, T18S, R32E
16. NO. OF ACRES IN LEASE 160		12. COUNTY OR PARISH 13. STATE Lea N.M.
17. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL DRILLING COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 14905		18. NO. OF ACRES ASSIGNED TO THIS WELL ---
21. ELEVATIONS (Show whether DT, RT, GR, etc.) 3802' GR		20. ROTARY OR CABLE TOOLS Rotary
22. APPROX. DATE WORK WILL START 8-1-91		

EXISTING PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
16"	13-3/8	48.5	757	1050 - Circ Surface
10-3/4	9-5/8	42	4657	1500 - Circ Surface
Proposed 8-1/4	5-1/2	17 & 20	14700	2500 - Circ

SWD Order No. R-5287

Proposed Procedure:

1. Move in & Rig up Drilling Rig.
2. Drill Cmt & CIBP @ 4325'.
3. Drill Cmt plugs as follows: 4900-5000', 6290-6390', 6900-7000', 8300-8400', 10210-310', 10550-650', 12100-200', 13175-375', 14000-100', 14680-905'.
4. Circulate & run 5-1/2" 17# & 20# csg to 14700', Cmt first stage w/2500 sx & circ to DV tool @ 6000', Cmt 2nd stage thru DV tool @ 6000' w/1500 sx & circ cmt to surface.
5. Drill out DV tool @ 6000' & packer shoe @ 14700', run bit to TD @ 14905'.
6. Run 5-1/2" Baker Loc-Set packer on 2-7/8" 6.5# N-80 plastic coated tbq. set packer @ 14600'.
7. Acidize (Devonian) open hole 14700'-14905' w/2000 gals.
8. Commence water disposal operations, FOLLOWING BLR AND NMOC APPROVALS.

Subject to
like Approval
by State

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM/If proposal is to deepen, 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 prevention program, if any.

24.  REGULATORY ADMINISTRATOR DATE 6-21-91
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights to the subject lease which would enable the applicant to conduct operations thereon.
CONDITIONS OF APPROVAL IF ANY:

APPROVED BY _____ TITLE _____ DATE 8-2-91

*See Instructions On Reverse Side

1-1

I hereby certify that the foregoing is a true and correct copy of the original as submitted to me and willfully to make in the presence of the agency of the

Submit to Appropriate
District Office
State Lease - 4 copies
Free Lease - 3 copies

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised 1-1-89

OIL CONSERVATION DIVISION

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

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

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

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator BTA Oil Producers			Lease Cinco de Mayo Fed		Well No. 1
Unit Letter C	Section 24	Township 18S	Range 32E	County NMCM	Lea
Actual Footage Location of Well:					
660 feet from the North line and		1980 feet from the West line			
Ground level Elev. 3802	Producing Formation Ini - Devonian		Pool Undesignated	Dedicated Acreage: Acres	
1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below. 2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty). 3. If more than one lease of different ownership is dedicated to the well, have the interest of all owners been consolidated by communitization, unitization, force-pooling, etc.? ☐ Yes ☐ No If answer is "yes" type of consolidation _____ If answer is "no" list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interest, has been approved by the Division.					
				OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.	
				Signature <i>Dorothy Houghton</i>	
				Printed Name Dorothy Houghton	
				Position Regulatory Administrator	
				Company BTA Oil Producers	
Date 6-20-91					
				SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.	
				Date Surveyed	
				Signature & Seal of Professional Surveyor	
				Certificate No.	

Form 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT RECEIVED

FORM APPROVED
Budget Bureau No. 100M-0135
Expires March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS **nm 9 44**
Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well
☐ Oil Well ☐ Gas Well ☒ Other SWD

2. Name of Operator
BTA Oil Producers

3. Address and Telephone No.
104 S. Pecos, Midland, TX 79701

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

660' FNL & 1980' FWL
Sec 24, T18S, R32E Unit C

5. Lease Designation and Serial No.
NM392867

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Cinco de Mayo Fed #1

9. API Well No.

30-025-00869

10. Field and Pool, or Exploratory Area

Shinnery Quern

11. County or Parish, State

Lea Co., NM

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

TYPE OF SUBMISSION

- ☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other Re-Perf & Acidize

- ☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Check Reports results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. 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.)

2-2-91 POH w/2-3/8" tbg & pkr, Re-perf 4016-4290' w/142 holes, Acidized w/4000 gal thru 15% NEFE, Ran 9-5/8" Baker AD-1 Tension packer on new 2-7/8" plastic coated

2-6-91 tbg, Set pkr @ 3949' & returned well to injection.

2-8-91 RU Western Co. & ran step-rate injection test.

APR 17 9 45 AM '91

RECEIVED

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

Signed

(This space for Federal or State office use)

Title Regulatory Administrator

Date 4-16-91

Approved by

Title

Date

Conditions of approval, if any:

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.

*See Instruction on Reverse Side

Submit 5 Copies
Appropriate District Office
DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

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

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

State of New Mexico
Energy, Minerals and Natural Resources Department

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

Form C-104
Revised 1-1-89
See Instructions
at Bottom of Page
OIL CONSERVATION DIVISION
RECEIVED

'90 NOV 1 AM 9 12

REQUEST FOR ALLOWABLE AND AUTHORIZATION
TO TRANSPORT OIL AND NATURAL GAS

I.

Operator BTA Oil Producers	Well API No. 30-025-00869
Address 104 S. Pecos, Midland, TX 79701	
Reason(s) for Filing (Check proper box) ☐ Other (Please explain)	
New Well ☐	Change in Transporter of:
Recompletion ☐	Oil ☐ Dry Gas ☐
Change in Operator ☒	Chasinghead Gas ☐ Condensate ☐
Effective 11-1-90	

If change of operator give name and address of previous operator **Frostman Oil Corp, Drawer W, Artesia, NM 88210**

II. DESCRIPTION OF WELL AND LEASE

Lease Name Cinco de Mayo Fed	Well No. 1	Pool Name, including Formation Shinewery Queen	Kind of Lease XXX State, Federal or Private	Lease No. NM392867
Location Unit Letter C : 660 Feet From The North Line and 1980 Feet From The West Line Section 24 Township 18S Range 32E , NMPM , Lea County				

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil ☐ or Condensate ☐ None - Such well	Address (Give address to which approved copy of this form is to be sent)					
Name of Authorized Transporter of Chasinghead Gas ☐ or Dry Gas ☐	Address (Give address to which approved copy of this form is to be sent)					
If well produces oil or liquids, give location of tanks.	Unit	Sec.	Twsp.	Rge.	Is gas actually connected?	When?

If this production is commingled with that from any other lease or pool, give commingling order number:

IV. COMPLETION DATA

Designate Type of Completion - (X)	Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Res'v	Diff Res'v
Date Spudded	Date Compl. Ready to Prod.		Total Depth		P.B.T.D.			
Elevations (DP, RKB, RT, GR, etc.)	Name of Producing Formation		Top Oil/Gas Pay		Tubing Depth			
Perforations					Depth Casing Shoe			
TUBING, CASING AND CEMENTING RECORD								
HOLE SIZE	CASING & TUBING SIZE		DEPTH SET		SACKS CEMENT			

V. TEST DATA AND REQUEST FOR ALLOWABLE

OIL WELL (Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable for this depth or be for full 24 hours.)

Date First New Oil Run To Tank	Date of Test	Producing Method (Flow, pump, gas lift, etc.)	
Length of Test	Tubing Pressure	Casing Pressure	Choke Size
Actual Prod. During Test	Oil - Bbls.	Water - Bbls.	Gas - MCF

GAS WELL

Actual Prod. Test - MCF/D	Length of Test	Bbls. Condensate/MMCF	Gravity of Condensate
Testing Method (pilot, back pr.)	Tubing Pressure (Shut-in)	Casing Pressure (Shut-in)	Choke Size

VI. OPERATOR CERTIFICATE OF COMPLIANCE

I hereby certify that the rules and regulations 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.

Dorothy Houghton
Signature
Dorothy Houghton, Regulatory Administrator
Printed Name Title
10-29-90 **915-682-3753**
Date Telephone No.

OIL CONSERVATION DIVISION

Date Approved **OCT 31 1990**
By *[Signature]*
Title **DISTRICT 1 SUPERVISOR**

INSTRUCTIONS: This form is to be filed in compliance with Rule 1104

- 1) Request for allowable for newly drilled or deepened well must be accompanied by tabulation of deviation tests taken in accordance with Rule 111.
- 2) All sections of this form must be filled out for allowable on new and recompleted wells.
- 3) Fill out only Sections I, II, III, and VI for changes of operator, well name or number, transporter, or other such changes.
- 4) Separate Form C-104 must be filed for each pool in multiply completed wells.

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

NEW MEXICO OIL CONSERVATION COMMISSION

Form No. 1
New Mexico
Oil Conservation
Commission
Effective 1-1-83

5a. Indicate Type of Lease
State ☐ Federal ☐
5. State Oil & Gas Lease No.
NM-392867

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR NOTICES TO WELL OWNERS CONCERNING A DIFFERENT RESERVOIR.
USE FORM NO. 1 FOR NOTICES TO WELL OWNERS CONCERNING THE SAME RESERVOIR.)

1. ☐ OIL WELL ☐ GAS WELL ☒ OTHER: Injection <i>Leak</i>	7. Unit Appraisal Log No.
2. Name of Operator Frostman Oil Corporation	8. Corrected Name
Address of Operator Drawer W, Artesia, NM 88210	9. Well No. 1
3. Location of Well UNIT LETTER <u>C</u> <u>1980</u> FEET FROM THE <u>West</u> LINE AND <u>660</u> FEET FROM THE <u>North</u> LINE, SECTION <u>24</u> TOWNSHIP <u>18</u> South RANGE <u>32</u> East	10. Field Office No., or District Shinnery Queen
11. Elevation (Show whether Dr., RT, GR, etc.)	12. County Lea

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

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT ON:

PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☐	REMEDIAL WORK ☒	ALTERING CASING ☐
TEMPORARILY ABANDON ☐	CHANNEL PLANS ☐	COMMENCE DRILLING OPNS. ☐	PLUG AND ABANDONMENT ☐
PULL OR ALTER CASING ☐	OTHER ☐	CASING TEST AND CEMENT JOBS ☐	
		OTHER <u>Repair hole in casing</u> ☐	

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

Repair work for hole in casing was as follows:

1. Found hole at 365'.
2. Cemented with 250 sks with 3% cal. chlor. Circulated 20 sacks to pit.
3. Drilled cement from 190' to 365'. Tested casing to 400#. Held okay.
4. Ran tubing and Baker tension packer, displaced casing with treated fluid. Pressure tested casing to 300# with recorder. Held okay for 30 minutes. (chart enclosed).

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

REPORTED BY <i>Loren K. Repard</i>	TITLE <u>Production Clerk</u>	DATE <u>3/22/88</u>
APPROVED BY <i>Paul A. Ratz</i>	TITLE <u>Geologist</u>	DATE <u>MAR 24 1988</u>
CONDITIONS OF APPROVAL, IF ANY		

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

NEW MEXICO OIL CONSERVATION COMMISSION

Form O-104
 Approved 1-77
 O-102 and O-101
 Effective 1-65

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR NOTICES TO WELLS OR FOR REPORTS ON WELLS. A SEPARATE REFERENCE.)

1. ☐ OIL WELL ☐ GAS WELL ☒ OTHER INJECTION	5. Indicate Type of Lease State ☐ <u>Lease</u> ☐
2. Name of Operator FROSTMAN OIL CORPORATION	6. Lease or Leasehold Cinco de Mayo
3. Address of Operator Drawer W, Artesia, NM 88210	7. Well No. 1
4. Location of Well UNIT LETTER <u>C</u> 1980 FEET FROM THE <u>West</u> LINE AND <u>660</u> FEET FROM THE <u>North</u> LINE, SECTION <u>24</u> TOWNSHIP <u>18 South</u> RANGE <u>32 East</u> MAP.	8. Name of Well, or Name Shinnery Queen
9. Elevation (Show Unit or DE, RT, GR, etc.)	10. County Lea

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

SUBSEQUENT REPORT OF:

PERFORM REMEDIAL WORK ☒	PLUG AND ABANDON ☐	REMEDIAL WORK ☐	ALTERING CASING ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐	COMMENCE DRILLING OPER. ☐	PLUG AND ABANDONMENT ☐
PULL OR ALTER CASING ☐	OTHER ☐	CASING TEST AND CEMENT JOB ☐	

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

Our proposed plan to repair the SWD well will be to pull the tubing & packer, locate the probable hole in the casing. We will set the bridge plug below the hole and squeeze or circulate cement, drill out and test casing, run the packer & tubing and put back on injection.

The work will be completed by March 31, 1988.

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

FROSTMAN OIL CORP.

SIGNED Laron K. Shepard TITLE Production Clerk DATE 2/26/88

APPROVED BY Jerry S. [Signature] DISTRICT 1 SUPERVISOR DATE FEB 29 1988

COPIES OF APPROVAL, IF ANY:

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

NO. OF TITLES HELD	
DISTRICT NO.	
ACCT. NO.	
FILE	
W.S.B.	
LAND OFFICE	
TRANSPORTER	CH
OPERATOR	SA
PRODUCTION OFFICE	

RECEIVED BY
FEB 13 1985

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

O. C. D.
ARTESIA OFFICE

REQUEST FOR ALLOWABLE
AND

Authorization TO TRANSPORT OIL AND NATURAL GAS

Form C-104
Revised 10-01-78
Formal 05-01-83
Page 1

Operator FROSTMAN OIL CORPORATION	
Address P. O. BOX 161, ARTESIA, NM 88210	
Reason(s) for filing (Check proper box)	
☐ New Well	☐ Change in Transporter oil
☐ Recompletion	☐ Oil ☐ Dry Gas
☐ Change in Ownership	☐ Coalinghead Gas ☐ Condensate
Other (Please explain) CHANGE OF OPERATOR	

If change of ownership give name and address of previous owner: Clarence Forister, P. O. Box 161, Artesia, NM 88210

II. DESCRIPTION OF WELL AND LEASE (INJECTION WELL)

Lease Name Cinco de Mayo Fed.	Well No. 1	Pool Name, including Formation Shinnery Queen	Kind of Lease State, Federal or Free Fed.	Lease No. NM-392867
Location				
Unit Letter C, 1980 Foot From The West Line and 660 Foot From The North				
Line of Section 24 Township 18S Range 32E N.M.P.M. Lea County				

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil ☐ or Condensate ☐	Address (Give address to which approved copy of this form is to be sent)	
Name of Authorized Transporter of Coalinghead Gas ☐ or Dry Gas ☐	Address (Give address to which approved copy of this form is to be sent)	
If well produces oil or liquids, give location of tanks.	Unit	Sec.
	Twp.	Req.
Is gas actually connected?	When	

If this production is commingled with that from any other lease or pool, give commingling order number:

NOTE: Complete Parts IV and V on reverse side if necessary.

VI. CERTIFICATE OF COMPLIANCE

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

Clarence Forister
(Signature)

PRESIDENT

(Title)

February 12, 1985

(Date)

OIL CONSERVATION DIVISION

FEB 18 1985

APPROVED _____, 18 _____

BY *James L. Smith*

TITLE DISTRICT 1 SUPERVISOR

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

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

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

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

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

Form 9-511
(May 1965)

UNITED STATES N. M. LAND COMMISSION
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY HOBBS, NEW MEXICO 88240

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.)

1. OIL WELL ☒ GAS WELL ☐ OTHER ☐

2. NAME OF OPERATOR

Clarence Forister

3. ADDRESS OF OPERATOR

P.O. Box 161 Artesia, N. M. 88211-0161

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

NE/4 NW/4 Section 24--T18-R32 E

14. PERMIT NO.

15. ELEVATION (Show whether DP, ST, OR, etc.)

Form approved
Bureau of Land Management No. 43 R1024

5. LEASE DESIGNATION AND SERIAL NO.

N M 0392367

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Cinco De Mayo

9. WELL NO.

10. FIELD AND POOL, OR WILDCAT

Shinnery Queen

11. SEC., T., R., N., OR S.E., AND
SUBSET OR AREA

Sec. 24-T18S-R32E

12. COUNTY OR PARISH

Lea

13. STATE
N. M.

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZING

REPAIR WELL

(Other)

PULL OR ALTER Casing

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

Retain Emergency Pit

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENTS

17. MONITOR PRODUCTION OR COMPLETION 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.)

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

1. Request permission to retain present pit for emergency use in the event disposal well failed to take water.
2. The pit is located 150 feet east well #1 in NE/4 NW/4 of section 24 18S R32E. The size of the pit is approx. 15 feet by 15 feet.

AUG 20 1981

U.S. GEOLOGICAL SURVEY
HOBBS, NEW MEXICO

DATE 8-24-81

APPROVED

DATE

SEP 3 1981

JAMES A. GILLHAM
DISTRICT SUPERVISOR

*See Instructions on Reverse Side

DISTRIBUTION	
SANTA FE	
FILE	
U.S.D.S.	
LAND OFFICE	
TRANSPORTER	OIL
	GAS
OPERATOR	
PRODUCTION OFFICE	

NEW MEXICO OIL CONSERVATION COMMISSION
REQUEST FOR ALLOWABLE
AND
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

Revised 1-1-65
Supersedes Old C-104 and C-111
Effective 1-1-65

1. **Operator**
Lewis B. Burleson, Inc.
Address
Box 2479, Midland, Texas 79702
Reason(s) for filing (Check proper box)
New Well ☐ Change in Transporter of:
Recompletion ☐ Oil ☐ Dry Gas ☐
Change in Ownership ☒ Casinghead Gas ☐ Condensate ☐
Other (Please explain)

If change of ownership give name and address of previous owner Burleson & Huff, Box 2479, Midland, Texas 79702

II. DESCRIPTION OF WELL AND LEASE

Lease Name <u>Cinco de Mayo Fed.</u>	Well No. <u>1</u>	Pool Name, Including Formation <u>Shinnery Queen</u>	Kind of Lease State, Federal or For Fed. <u>State</u>	Lease No. <u>NM392867</u>
Location Unit Letter <u>C</u> <u>1980</u> Feet From The <u>west</u> Line and <u>660</u> Feet From The <u>north</u> Line of Section <u>24</u> Township <u>18S</u> Range <u>32E</u> , NMPM, <u>Lea</u> County				

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil ☐ or Condensate ☐	Address (Give address to which approved copy of this form is to be sent)
Name of Authorized Transporter of Casinghead Gas ☐ or Dry Gas ☐	Address (Give address to which approved copy of this form is to be sent)
If well produces oil or liquids, give location of tanks.	Unit Sec. Twp. Rge. Is gas actually connected? When

If this production is commingled with that from any other lease or pool, give commingling order number: _____

IV. COMPLETION DATA

Designate Type of Completion - (X)	Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Res'tv.	Diff. Res'tv.
Date Spudded	Date Compl. Ready to Prod.	Total Depth	P.B.T.D.					
Elevations (I/F, RKB, RT, CR, etc.)	Name of Producing Formation	Top Oil/Gas Pay	Tubing Depth					
Perforations							Depth Casing Shoe	
TUBING, CASING, AND CEMENTING RECORD								
HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT					

V. TEST DATA AND REQUEST FOR ALLOWABLE OIL WELL

(Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable for this depth or be for full 24 hours)

Date First New Oil Run To Tanks	Date of Test	Producing Method (Flow, pump, gas lift, etc.)	
Length of Test	Tubing Pressure	Casing Pressure	Choke Size
Actual Prod. During Test	Oil - Bbls.	Water - Bbls.	Gas - MCF

GAS WELL

Actual Prod. Test - MCF/D	Length of Test	Bbls. Condensate/MMCF	Gravity of Condensate
Testing Method (pilot, back pr.)	Tubing Pressure (Shut-in)	Casing Pressure (Shut-in)	Choke Size

VI. CERTIFICATE OF COMPLIANCE

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

L. B. Burleson
(Signature)
President
(Title)
January 1979
(Date)

OIL CONSERVATION COMMISSION

APPROVED APR 2 1979, 19____
BY J. W. Remy
Geologist
TITLE _____

This form is to be filed in compliance with RULE 1104.
If this is a request for allowable for a newly drilled or deepened well, this form must be accompanied by a tabulation of the deviation tests taken on the well in accordance with RULE 111.
All sections of this form must be filled out completely for allowable on new and recompleted wells.
Fill out only Sections I, II, III, and VI for changes of owner, well name or number, or transporter, or other such change of condition.
Section Form C-104 must be filed for each well in multiple

Form 9-101
(May 1963)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

OFFICE OF THE DIRECTOR
Geological Survey, Washington, D.C. 20540

U.S. GEOLOGICAL SURVEY
WELL NO. NM-039,867
SECTION, T. 18-S, R. 32-E

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.)

1. OIL WELL ☒ GAS WELL ☐ OTHER ☐	7. UNIT AGREEMENT NAME
2. NAME OF OPERATOR Burleson & Huff	8. FARM OR LEASE NAME Cinco de Mayo Federal
3. ADDRESS OF OPERATOR Box 2479, Midland, Texas 79702	9. WELL NO. 1
4. LOCATION OF WELL (Report location clearly and in accordance with any State law. See also space 17 below.) At surface 1980' from west and 660' from north lines of Section 24	10. FIELD AND POOL, OR WILDCAT Shinnery Queen
14. PERMIT NO.	11. SEC., T., R., M., OR BLK., AND SURVEY OR AREA Sec. 24, T-18-S, R-32-E
15. ELEVATIONS (Show whether DP, RT, CR, etc.) 3802 GR	12. COUNTY OR PARISH Lea
	13. STATE NM

RECEIVED
MAY 22 1978

U.S. GEOLOGICAL SURVEY
HOBBS, NEW MEXICO

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
WATER SHUT-OFF	LL OR ALTER CASING	WATER SHUT-OFF	REPAIRING WELL
WATER SHUT-OFF	WATER COMPLETE	WATER SHUT-OFF	ALTERING CASING
WATER SHUT-OFF	WATER	WATER SHUT-OFF	ABANDONMENT
WATER SHUT-OFF	CHANGE PLANS	WATER SHUT-OFF	Convert to water disposal ☒

17. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any work. If well is plugged, give subsurface locations and measured and true vertical depths for all markers and zones pertained to.)

In 1978, the Oil Conservation Commission and you approved our plans to convert this well to water disposal. The water is produced water from the No. 2 and No. 3 wells on this lease only. This well takes 20-30 bbls of water per day on a vacuum and no pumping equipment will be used. Packer was set at 4000', annulus filled with inert water, and vacuum gauge on back side to shown possible communication. Well is taking water but if well will not take all lease water it will be hauled off.

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

SIGNED <i>[Signature]</i>	TITLE Co-Owner	DATE 5-16-78
(This space for Federal or State office use)		
APPROVED BY	TITLE	DATE
CONDITIONS OF APPROVAL, IF ANY:		

*See Instructions on Reverse Side

ACCEPTED FOR RECORD
A.O.I.
MAY 22 1978
U. S. GEOLOGICAL SURVEY
HOBBS, NEW MEXICO

Form 0-331
(May 1963)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved
by Dept. Interior No. 42-11424
5. LEASE REGISTRATION AND SERIAL NO.

NM-0392867

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.)

1. OIL WELL ☒ GAS WELL ☐ OTHER ☐	7. UNIT AGREEMENT NAME
2. NAME OF OPERATOR Burleson & Huff	8. FARM OR LEASE NAME Cinco de Mayo Federal
3. ADDRESS OF OPERATOR Box 2479, Midland, Texas 79701	9. WELL NO. 1
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1980 from the West and 660' from the north lines of Section 24	10. FIELD AND POOL, OR WILDCAT Shinnery Queen
14. PERMIT NO.	11. SEC., T., S., M., OR B.L. AND SURVEY OR AREA Sec. 24, T-18-S, R-32-E
15. ELEVATIONS (Show whether DT, RT, OR, etc.) 3802 GR	12. COUNTY OR PARISH Lea
	13. STATE NM

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)

convert to water disposal

☒

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 Rec. 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.)*

We request your approval to convert this now shut in well to a water disposal well so the produced water from the other two wells can be injected into the Queen and Penrose sands. This procedure was approved by the New Mexico Oil Conservation Commission Order No. R-5287.

Run 2" plastic lined tubing with packer to be set at 4000 feet. Fill annulus with inert water and have a vacuum pressure gauge on the back side to show possible communication. The water will go into the old pay on a vacuum and no pumping equipment will be needed. No new surface requirements will be needed as the tank battery is on the pad for this well and the old flow line will be used as water line.

*Bider
R-5287*

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

SIGNED

[Signature]

TITLE Co-Owner

DATE Oct. 19, 1976

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

*See Instructions on Reverse Side

Form 5-21
(May 1963)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPPLICATE
(Other instructions on re-
verse side)

Form approved
Budget Bureau No. 42-R-424
5. LEASE REGISTRATION AND SERIAL NO.

NM-0392867

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.)

1. OIL WELL ☒ GAS WELL ☐ OTHER ☐

2. NAME OF OPERATOR

Hurleson & Huff

3. ADDRESS OF OPERATOR

P. O. Box 2479, Midland, Texas 79701

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

At surface
1980 from the West and 660' from the North lines of Section 24,

14. PERMIT NO.

15. ELEVATIONS (Show whether SE, NW, etc.)

3802 GR

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Cinco de Mayo Fed.

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Shinnery Queen

11. SEC., T., R., N., OR S., AND SURVEY OR AREA

Sec. 24, T-18-S, R-32-E

12. COUNTY OR PARISH

Lea

13. STATE

NM

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

FULL OR ALTER Casing

MULTIPLE COMPLETS

ABANDON* TEMP.

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING Casing

ABANDONMENT*

(NOTE: Report results of multiple completion on Well Completion or Recompletion 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 last produced in February 1975 from the Queen sand formation in the Shinnery Queen field. We have shut this well in because its low productivity made it a non-commercial well. We request permission to temporarily abandon this well until we can ascertain if it should be held for secondary recovery operations or for a possible water injection well in the Queen sand.

This approval of temporary SEP 1 1976
abandonment expires

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

SIGNED

TITLE

Co-Owner

DATE

6-2-76

(This space for Federal or State office use)

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

RECEIVED FOR RECORD

DATE

JUN 18 1976

J. S. GEOLOGICAL SURVEY
HOBBS, NEW MEXICO

*See Instructions on Reverse Side

Oil Conservation Commission

P.O. BOX 2000 • SANTA FE, NEW MEXICO 87501 • PHONE 948-2000

MESSAGE

REPLY

TO Mr. Joe D. Ramey
Supervisor & Oil & Gas Inspector
District I
DATE June 8, 1973 I-16
Re: Burleson & Huff
#1-C 24-18S-32 Yates Federal

I've noticed that this is a re-entry to an old well but we don't have record of the original entry by Ralph Lowe; please send us a complete copy of your record.

Thanks,

BY

At Central Records

DATE

6-11-73

Al:
I have to not stop
It gets better when it
opens.

Attack of gas in gas
Have on high pressure
It was apparently
taken over by gas
from Yates well
didn't plug it,
there is no gas in
Yates & plugged

SIGNED

INSTRUCTIONS TO SENDER: KEEP YELLOW COPY. 2. SEND WHITE AND PINK COPIES INTACT

INSTRUCTIONS TO RECEIVER: WRITE REPLY. 2. DETACH BLUE RESPONSE COPY. RETURN WHITE COPY TO SENDER

5-15-73
Perf (Queen) @ 4014', 4022', 4026', 4032', 4040',
4286', 4290'
Acid (4014-4290') 1000 gals
Frac (4014-4290') 10,000 gals jelled wtr + 20,000#
sd
Queen Discovery
COMPLETION REPORTED

NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
TRANSPORTER	OIL
	GAS
OPERATOR	
PRORATION OFFICE	

NEW MEXICO OIL CONSERVATION COMMISSION
 REQUEST FOR ALLOWABLE
 AND
 AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

Form 10-104
 Superseded by Form 10-104
 Effective 1-1-73

I. OPERATOR
Burleson & Huff
Address
P. O. Box 935, Midland, Texas 79701
Reason(s) for filing (check proper box)
 New Well ☒ **OWWO** Change in Transporter of: Oil ☒ Dry Gas ☐
 Recompletion ☐ Casinghead Gas ☐ Condensate ☐
 Change in Ownership ☐
Other (Please explain)
Change in ownership

If change of ownership give name and address of previous owner **drilled as Ralph Lowe Yates - Fed. No. 1**

II. DESCRIPTION OF WELL AND LEASE

Lease Name **Cinco de Mayo Fed.** **Well No.** **1** **Pool Name, including Formation** **SHINNERY QUEEN R45H (NOM)** **Kind of Lease** **Fed.** **Lease No.** **NM-0392867**
Location
Unit Letter **C** **1980** **Feet From The** **West** **Line and** **660** **Feet From The** **North**
Line of Section **24** **Township** **18-South** **Range** **32-East** **NMPM** **Lea** **County**

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil ☒ **Permian Corporation** **Address (Give address to which approved copy of this form is to be sent)** **Midland, Texas**
Name of Authorized Transporter of Casinghead Gas ☒ **none yet - possibly Phillips** **Address (Give address to which approved copy of this form is to be sent)**
If well produces oil or liquids, give location of tanks. **Unit** **Sec.** **Twp.** **Rge.** **Is gas actually connected?** **When**

If this production is commingled with that from any other lease or pool, give commingling order number:

IV. COMPLETION DATA

Designate Type of Completion - (X)	Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Res'v.	Diff. Res'v.
☒	☒	☐	☒	☒	☐	☐	☐	☐
Date Spudded 5-5-73, re-spud	Date Compl. Ready to Prod. 5-13-73	Total Depth R. Lowe's was 14,905	P.B.T.D. 4400					
Elevations (DF, RKB, RT, GR, etc.) 3802 GR	Name of Producing Formation Queen	Top Oil/Gas Pay 4011	Tubing Depth 4000					
Perforations 7 shots from 4011 to 4240			Depth Casing Shoe 4657 on 9-5/8					
TUBING, CASING, AND CEMENTING RECORD								
HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT					
16"	13-3/8"	757	1050 - circulated					
10-3/4"	9-5/8"	4657	1500 - circulated					

V. TEST DATA AND REQUEST FOR ALLOWABLE OIL WELL

(Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable for this depth or be for full 24 hours)

Date First New Oil Run To Tanks 5-10-73	Date of Test 5-13-73	Producing Method (Flow, pump, gas lift, etc.) flowing	
Length of Test 24	Tubing Pressure 0-100#s	Casing Pressure Packer	Choke Size 28/64"
Actual Prod. During Test 65 BO	Oil - Bbls. 65	Water - Bbls. -	Gas - MCF 81.0

GAS WELL

Actual Prod. Test-MCF/D	Length of Test	Bbls. Condensate/MCF	Gravity of Condensate
Testing Method (pilot, back pr.)	Tubing Pressure (Shut-in)	Casing Pressure (Shut-in)	Choke Size

VI. CERTIFICATE OF COMPLIANCE

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

Le B. B. W.
 (Signature)
Partner
 (Title)
May 14, 1973
 (Date)

OIL CONSERVATION COMMISSION
APPROVED **MAY 17 1973**
BY *[Signature]*
TITLE **SUPPLEMENTARY ACT I**

This form is to be filed in compliance with RULE 1104.
 If this is a request for allowable for a newly drilled or deepened well, this form must be accompanied by a tabulation of the deviation tests taken on the well in accordance with RULE 111.
 All sections of this form must be filled out completely for allowable on new and recompleted wells.
 Fill out only Sections I, II, III, and VI for changes of owner, well name or number, or transporters or other such change of condition.
 Separate Forms G-104 must be filed for each pool to maintain

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

EXEMPT IN FULL

WM-0392867

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other ☐

2. TYPE OF COMPLETION:

NEW WELL ☐ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. ENSTR. ☐ Other ☒ ONWO

3. NAME OF OPERATOR

Burleson & Huff

4. ADDRESS OF OPERATOR

P. O. Box 935, Midland, Texas 79701

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

At surface 1980' from West and 660' North lines Sec. 24

At top prod. interval reported below same

At total depth

same

14. PERMIT NO.

DATE INSPECTION

15. DATE REPUDED

5-5-73

16. DATE T.D. REACHED

T.D. 4400

17. DATE COMPLETION (Ready to prod.)

ONWO 5-5-73 5-13-73

18. ELEVATION (TOP, RKB, WT OR ETC.)

3802GR

20. TOTAL DEPTH, MD & TVD

14,905

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

SS-4400

22. IF MULTIPLE COMPLETION, HOW MANY?

3802GR

ROTARY TOOLS

23. INTERNAL DRILLED BY

X

24. TABLE TOOLS

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

7 - Top @ 4011 to 4240 in Queen Sand

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

Sonic Log on Ralph Lowe Yates - Federal No. 1

27. WAS WELL CORRED

No

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLES SIZE	CEMENTING RECORD	AMOUNT POURED
13-3/8	48.5	757	16"	1050 sx circ.	-
9-5/8	42	4657	10-3/4	1500 sx circ.	-

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	BACK CEMENT	SCREEN (MD)	SIZE	DEPTH SET (MD)	PICKER SET (MD)
					24	4000	4000

31. PERFORATION RECORD (Interval, size and number)

7 shots @ 4014, 4022, 4026, 4032, 4040, 4286, 4290

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4011-4240	1000 gals. acid
4011-4240	10,000 gals. water
	20,000 # sand frac.

33. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping, size and type of pump)				WELL STATUS (Producing or not)	
May 10, 1973		flowing				producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	LENGTH FOR TEST PERIOD	OIL - BBL	GAS - BBL	WATER - BBL	GAS-OIL RATIO
5-13-73	24	3/8	→	65	81	none	1250:1
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24 HOUR RATE	OIL - BBL	GAS - BBL	WATER - BBL	OIL GRAVITY (API GRADE)	
0-100#	packer	→	65	81	none	37.5	
14. DISPOSITION OF GAS (Hold, used for fuel, vented, etc.)							

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

vent

35. LIST OF ATTACHMENTS

Log on Ralph Lowe Well

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

SIGNED

TITLE

Partner

DATE

May 14, 1973

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

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, 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 report is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.) forms, flow 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 6: 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 special instructions.)

Item 15: 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, (year, bottom(s) and (ft) or (m)) 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: "Seals (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.)

No new logs run on this well. See Sonic log on Ralph Love Yates - Federal No. 1

Used this log to perforate well.

31 SUMMARY OF FORMER ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND COEFFICIENTS THEREOF; CORRELATE INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CEMENTION 1 AND, TIME TOOL OPEN, FLOWING AND EFFECTIVE PERMEABILITY, AND PRODUCTION		32. GEOLOGIC MARKERS				
FORMATION	TOP	DESCRIPTION, CONTENTS, ETC.	NAME	MEAN DEPTH	TRUE VERT. DEPTH	
Yates	2610	3020	Anhydrite, Sand and shale - no porous sands present	Anhydrite	1240	1240
Seven-Rivers	3020	4000	Sand, Dolomite and anhydrite - two possible porous zones	Salt	1440	1440
Queen	4000	4630	Two porous sands, perf. and tested and producing. Zone is sand, anhydrite and shale	Base Salt	2590	2590
				Yates	2610	2610
				Seven Rivers	3020	3020
				Queen	4000	4000

For rest of hole see Ralph Love Yates-Fed forms.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1. TYPE OF WORK ☒ **Re-enter** ☐ **DEEPEN** ☐ **PLUG BACK**

2. TYPE OF WELL
OIL WELL ☒ GAS WELL ☐ OTHER ☐

3. NAME OF OPERATOR
Emerson & Bart

4. ADDRESS OF OPERATOR
P. O. Box 935, Midland, Texas 79701

5. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)
At surface **660' from North and 1900' from West of Section 24, T-18-S, R-32-E**
At proposed prod. zone **Queen Sand**

6. LEASE DESIGNATION AND NUMBER
EM-0128657

7. IF INDIAN, ALLOTTEE OR TRIBE NAME

8. UNIT AGREEMENT NAME

9. FARM OR LEASE NAME
Yates - Federal

10. WELL NO.
1

11. FIELD AND POOL, OR WILDCAT
Midland

12. SEC. T. R. M. OR BLK. AND SURVEY OR AREA
24 - 18-S, 32-E

13. COUNTY OR PARISH
Lee

14. STATE
N. H.

15. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE
6 miles South of Midland

16. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. line, if any)
660'

17. NO. OF ACRES ASSIGNED TO THIS WELL
40

18. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL, DRILLING COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.
2400'

19. PROPOSED DEPTH
4657'

20. ROTARY OR CABLE TOOLS
clean out unit

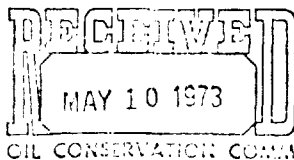
21. ELEVATIONS (Show whether DF, RT, GR, etc.)
3002 GR

22. APPROX. DATE WORK WILL START

23. PROPOSED CASING AND CEMENTING PROGRAM **done by Ralph Lowe**

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
15"	13-3/8"	45.5	787	1050 sz - circulated
15-3/8"	9-3/8"	42	4657	1900 sz - circulated

Plan to re-enter the Ralph Lowe Yates Federal No. 1.
Pipe in hole as shown above. Drill cement plug at top and set C. I. B. P. at 4330' and put 2 sz of cement on plug. Perf Permian sand at 4280 to 4300' and treat and test. If productive, complete in this zone. If not productive set C. I. B. P. at 4100' and perf Queen sand from 4080 to 4090'; treat and test for possible gas well. No new pipe will be set in well.



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 L. B. Brown TITLE **Partner** DATE **4-30-73**

(This space for Federal or State office use)

PERMIT NO. _____

APPROVED BY _____ TITLE _____

CONDITIONS OF APPROVAL, IF ANY:



*See Instructions On Reverse Side

NEW MEXICO
WELL LOCATION AND ACREAGE CERTIFICATE

All distances must be from the center of the well.

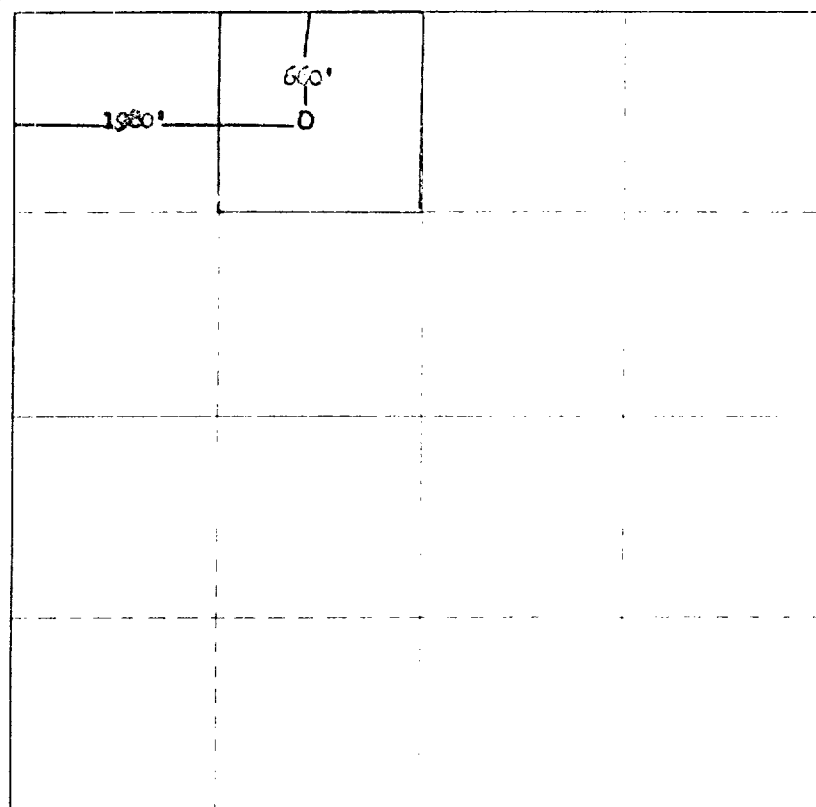
Burleson & Huff		Yates - Federal		1
C	18-S	32-E	Len	
660	north	1980	West	
3002	Queen	Wildcat	40	

- Outline the acreage dedicated to the subject well by colored pencil or ballpoint marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☐ No If answer is "yes," type of consolidation _____

If answer is "no," list the owners and tract descriptions which have actually been consolidated (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, force-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION

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

Louis H. Burleson

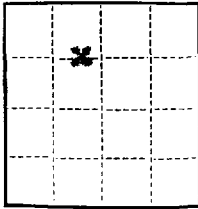
Partner

Burleson & Huff

4-30-73

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision and that the same is true and correct to the best of my knowledge and belief.

See original plat filed by Ralph Lowe



(SUBMIT IN TRIPLICATE)

UNITED STATES

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office ~~New Mexico~~

Lease No. **LC 065128F**

Unit **APPROVED**

OCT 28 1963

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	SUBSEQUENT REPORT OF WATER SHUT-OFF.....
NOTICE OF INTENTION TO CHANGE PLANS.....	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....	SUBSEQUENT REPORT OF ALTERING CASING.....
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.....	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR.....
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....	SUBSEQUENT REPORT OF ABANDONMENT.....
NOTICE OF INTENTION TO PULL OR ALTER CASING.....	SUPPLEMENTARY WELL HISTORY.....
NOTICE OF INTENTION TO ABANDON WELL.....	

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

March 23, 1963

Yates Federal A-1

Well No. **1** is located **660** ft. from **N** line and **1900** ft. from **E** line of sec. **24**

NE/4NW/4 **24** **18S** **32E** **N.M.P.M.**

Wildcat **Lea** **New Mexico**

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

DETAILS OF WORK

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

Ran 2 inch tubing to 4767 circulated mud, spotted 100 feet cement plug 4667-4767. Spotted 20 feet plug at surface and placed regulation dry hole marker at location. Plugged and abandoned 3/23/63

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

Company **Yates Petroleum Corporation**

Address **309 Carper Building**

Artesia, N.M.

By *Richard E. Norman*

Title **Agent**

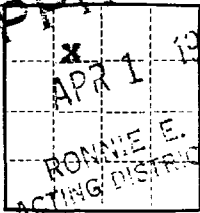
APPROVED
APR 1 1963

(SUBMIT IN TRIPLICATE)

Land Office ~~New Mexico~~

Lease No. LC 065128E

Unit C

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

RECEIVED

SUNDRY NOTICES AND REPORTS ON WELLS APR 2 1963

NOTICE OF INTENTION TO DRILL		SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF		SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL		SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL	X		

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

March 22, 1963

Yates Federal A-I

Well No. 1 is located 160 ft. from {N} line and 1980 ft. from {E} line of sec. 24

NE/4NW/4 24 18S 32E N.M.P.M.
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)Wildcat Lea New Mexico
(Field) (County or Subdivision) (State or Territory)

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

DETAILS OF WORK

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

This previously abandoned deep well was re-entered for testing shallow zones. These zones were isolated with Lynes packers and swabbed with the following results:

Zone 1 4813-4830: Swabbed down water, came in at 1500 feet/30 min. rate

Zone 2 4776-4794: Swabbed water and mud, some gas, water came in at 400 feet/20 min. rate.

Zone 3 4721-4739: Treated with 500 ga. acid, swabbed acid & water.

Zone 4 4937-5008: Swabbed from 3:30 P.M. 3/16/63 to 7:30 A.M. 3/21/63.

Toward the end of swabbing test about 75 bbls. salt water per day was being swabbed cut 1/2% with oil (dk bn & estimated 30° API gr. or more) No commercial production has been found. Accordingly this well will be plugged & abandoned per U.S.G.S. specifications.

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

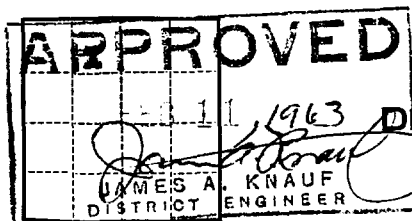
Company Yates Petroleum Corporation

Address 309 Carper Building

Artesia, N.M.

By Richard C. Norman

Title Agent

Form 9-331a
(Feb. 1961)Budget Bureau No. 42-R358.4.
Approval expires 12-31-60.

(SUBMIT IN TRIPLICATE)

UNITED STATES GEOLOGICAL SURVEY

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

FEB 13

7 1 27

Land Office **Santa Fe**
Lease No. **LC 0651287**Un **RECEIVED**
FEB 13 1963

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL <i>workover</i>	☒	SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF		SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL		SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL		Re-enter	☒

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

February 11, 1963

Yates Petr. Corp., Yates Fed A-I
Well No. **1** is located **660** ft. from **(N)** line and **1980** ft. from **(W)** line of sec. **24**
formerly 1-Yates
NW NE 24 **18S** **32E** **NMPH**
($\frac{1}{4}$ Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Wilcox **Lea** **New Mexico**
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is **3817** ft. **GL 3802**

DETAILS OF WORK

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

We plan to re-enter old hole, formally called Ralph Lowe, #1 Yates Fed.

Drill to T.D. of 14,905'.

Drill out any plugs to a depth of 4900'. 9-5/8" csg now cmt. @ 4657'.

Open hole will be bail tested and 3" tubing will be used for treating and 2" tubing will be used for production.

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

Company **Yates Petr. Corp.**
formerly Ralph Lowe
Address **309 Carper Bldg.**
Artesia, New Mexico

By *[Signature]*Title **Bookkeeper**

RECEIVED
FEB 11 1963
U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

HOBBS OFFICE 066
(SUBMIT IN TRIPLICATE)

Land Office San Jose

Lease No. LC 065128F

Unit RECEIVED

APPROVED
APR 11 1962
A. R. SIMON
ACTING DISTRICT ENGINEER

1962 APR 15 PM 8:37
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APR 13 1962

SUNDRY NOTICES AND REPORTS ON WELLS

S. E. C.
ARTESIA, OFFICE

NOTICE OF INTENTION TO DRILL.....	SUBSEQUENT REPORT OF WATER SHUT-OFF.....
NOTICE OF INTENTION TO CHANGE PLANS.....	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....	SUBSEQUENT REPORT OF ALTERING CASING.....
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.....	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR.....
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....	SUBSEQUENT REPORT OF ABANDONMENT & Plugging I
NOTICE OF INTENTION TO PULL OR ALTER CASING.....	SUPPLEMENTARY WELL HISTORY.....
NOTICE OF INTENTION TO ABANDON WELL.....	

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

Notes-Federal

September 27, 1961

Well No. 1 is located 660 ft. from {N} line and 1980 ft. from {E} line of sec. 24

NE/4 Sect. 24

(1/4 Sec. and 1/4 Sec. No.)

18-S

(Twp.)

32-E

(Range)

NMPM

(Meridian)

Indesignated

(Field)

Lee

(County or Subdivision)

New Mexico

(State or Territory)

The elevation of the derrick floor above sea level is 3802 GL ft.

DETAILS OF WORK

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

After verbal approval by phone from Mr. Knoff and after reaching a total depth of 14,905 ft. and testing all prospective zones with no show of oil, set cement plugs as listed below on September 26, 1961:

14,860 - 14,905 (80 sx)
14,000 - 14,100 (40 sx)
13,175 - 13,375 (80 sx)
12,100 - 12,200 (40 sx)
10,550 - 10,650 (40 sx)

10,210 - 10,310 (40 sx)
8,300 - 8,400 (40 sx)
6,900 - 7,000 (40 sx)
6,290 - 6,390 (40 sx)
4,900 - 5,000 (40 sx)
Plug in top with marker.

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

Company Ralph Lowe

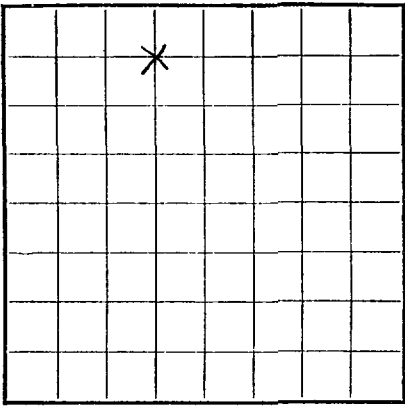
Address Box 832

Midland, Texas

By J. L. Watson

Title Agent

Form 9-330



U. S. LAND OFFICE Santa Fe
SERIAL NUMBER LC 005129E
LEASE OR PERMIT TO PROSPECT _____

UNITED STATES RECEIVED
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY OCT 6 1961
O. C. C.
ARTEBIA, OFFICE

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Ralph Lowe Address Box 832, Midland, Texas
Lessor or Tract Yates-Federal Field Undesignated State New Mexico
Well No. 1 Sec. 24 T18-S R32-E Meridian NMPM County Lea
Location 660 ft. N of N Line and 1980 ft. E of W Line of Section 24 Elevation 3802
(Derrick floor relative to sea level)

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.
Signed J. L. Watson

Date September 27, 1961 Title Agent

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

Commenced drilling March 29, 1961 Finished drilling August 30, 1961

OIL OR GAS SANDS OR ZONES
(Denote gas by G)

No. 1, from _____ to _____ No. 4, from _____ to _____
No. 2, from _____ to _____ No. 5, from _____ to _____
No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

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

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
13-3/8	48#	ST&C	H-40	747	Reg				Surface
9-5/8	36-640	ST&C	J-55	4657	Reg				Salt

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13-3/8	747	1050 sx	Pump		
9-5/8	4657	1500 sx	Pump		

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____
Adapters—Material _____ Size _____

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

TOOLS USED

Rotary tools were used from 0 feet to 14,905 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

_____, 19____ Put to producing no production, 19____
The production for the first 24 hours was None barrels of fluid of which _____% was oil; _____% emulsion; _____% water; and _____% sediment. Gravity, °Bé. _____
If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____

No. 1, from _____ to _____

No. 2, from _____ to _____

No. 3, from _____ to _____

No. 4, from _____ to _____

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
13 3/8	48#	STRC	J-40	747	Reg				Surface
9 5/8	36 640	STRC	J-55	4657	Reg				Salt

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13 3/8	747	1050 sx	Pump		
9 5/8	4657	1500 sx	Pump		

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____

Adapters—Material _____ Size _____

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

TOOLS USED

Rotary tools were used from _____ 0 _____ feet to _____ 14,905 _____ feet, and from _____ feet to _____ feet

Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

_____, 19____ Put to producing _____ no production _____, 19____

The production for the first 24 hours was _____ None _____ barrels of fluid of which _____% was oil; _____% emulsion; _____% water; and _____% sediment. Gravity, °Bé. _____

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

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

_____, Driller _____ L. S. Strother _____, Driller

_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	160		Sand & Gravel
160	1240		Red Beds
1240	3140		Salt & Anhyd
3140	6060		Dolo & Sand
6060	6900		Sand
6900	10,300		Lime & Sand
10,300	10,670		Dolo
10,670	11,300		Lime & Shale
11,300	12,100		Shale
12,100	12,520		Lime
12,520	12,810		Shale & Sand
12,810	13,070		Lime
13,070	13,610		Sand & Shale
13,610	14,000		Shale
14,000	14,600		Lime & Chert
14,600	14,710		Shale
14,710	14,905		Lime & Dolo
		(OVER)	

AT THE END OF COMPLETE DRILLER'S LOG, ADD GEOLOGIC TOPS. STATE WHETHER FROM EL OR SAMPLES.

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION TOIS	FORMATION
		160		Triassic Redbeds
		1,240		Kistler Amy
		1,440		Silt
		2,590		Böse Salt
		2,760		Yates
		3,270		Seven Rivers
		4,000		Queen
		4,625		Grayburg
		6,060		Delaware
		6,900		Bone Springs
		10,220		Wolfcamp
		12,120		Pennsylvanian
		12,520		Bend
		12,810		Morrow lime
		13,025		Morrow Shale
		13,610		Upper Mississippian
		14,010		Mississippi Lime
		14,600		Woodford
		14,712		Devonian

HISTORY OF OIL OR GAS WELL

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "sidetracked" or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

FORM C-128
Revised 5/1/57

SEE INSTRUCTIONS FOR COMPLETING THIS FORM ON THE REVERSE SIDE

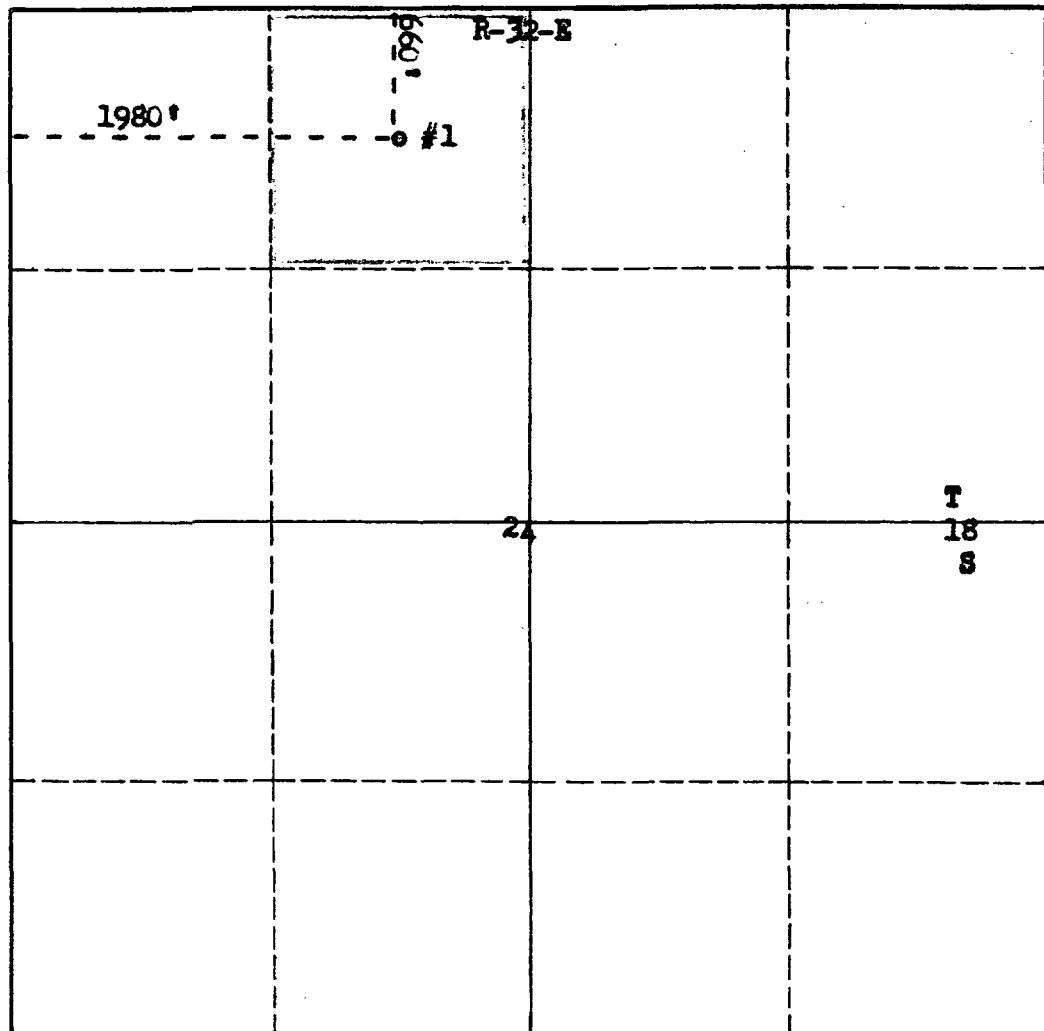
SECTION A

Operator Yates Petroleum Corporation		Lease Sweeney Federal		69		MAR 27 1961	
Unit Letter C	Section 24	Township T-18-S	Range R-32-E	County Lea			O. C. C. ARTESIA, OFFICE
Actual Footage Location of Well: 1980 feet from the West line and 660 feet from the North line							
Ground Level Elev. 3808	Producing Formation Devonian		Pool Undesignated			Dedicated Acreage: 40 Acres	

1. Is the Operator the only owner in the dedicated acreage outlined on the plat below? YES _____ NO _____. ("Owner" means the person who has the right to drill into and to produce from any pool and to appropriate the production either for himself or for himself and another. (65-3-29 (e) NMSA 1935 Comp.)
2. If the answer to question one is "no," have the interests of all the owners been consolidated by communitization agreement or otherwise? YES _____ NO _____. If answer is "yes," Type of Consolidation _____
3. If the answer to question two is "no," list all the owners and their respective interests below:

Owner	Land Description
	MAR 22 1961
	U. S. GEOLOGICAL SURVEY ARTESIA, NEW MEXICO

SECTION B



CERTIFICATION

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

Name

Geologist

Position

Yates Petroleum Company

Company

March 21, 1961

Date

I hereby certify that the well location shown on the plat in SECTION B was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed

3-16-61

Registered Professional Engineer
and/or Land Surveyor

Certificate No.

3280

0 330 660 990 1320 1650 1980 2310 2640 2000 1500 1000 500 0

(SUBMIT IN TRIPLICATE)

Land Office **Artesia**

Lease No. **16 0611287**

Unit **C**

APPROVED
MAR 24 1961
A. R. BROWN
ACTING DISTRICT ENGINEER

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

RECEIVED

MAR 27 1961

D. C. C.
ARTESIA, OFFICE

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	SUBSEQUENT REPORT OF WATER SHUT-OFF.....
NOTICE OF INTENTION TO CHANGE PLANS.....	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....	SUBSEQUENT REPORT OF ALTERING CASING.....
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.....	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR.....
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....	SUBSEQUENT REPORT OF ABANDONMENT.....
NOTICE OF INTENTION TO PULL OR ALTER CASING.....	SUPPLEMENTARY WELL HISTORY.....
NOTICE OF INTENTION TO ABANDON WELL.....	

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

Sweeney 67

March 21

19 61

Well No. **21** is located **443** ft. from **[N]** line and **1980** ft. from **[E]** line of sec. **24**

NE/4 NW/4 **18S** **32E** **N.M.P.M.**
($\frac{1}{4}$ Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Undesignated **Lea** **New Mexico**
(Field) (County or Subdivision) (State or Territory)
G.L.

The elevation of the derrick floor above sea level is **3808** ft.

DETAILS OF WORK

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

Plans are to cement 13 3/8" 48# surface casing at 800 feet with 750 sacks using cable tools, move on rotary, cement 9 5/8" 36# and 40# intermediate string with 1700 sacks at 4500', drill ahead and test Devonian formation. Devonian is expected at 14,800'. TD approximately 15,000'. If producer, 5 1/2" casing will be cemented with 1750 sacks at TD, and completed by perforating through tbg and pkr.

MAR 22 1961

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

Company **Yates Petroleum Corporation**

Address **309 Carper Building**
Artesia, New Mexico

By *R. W. Landerberger*
Title **Geologist**

Form 1001-01
November 1981
(Formerly O-331)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPPLICATE*
(Other instructions on re-
verse side)

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.)

1. WELL ☒ OIL ☐ GAS ☐ OTHER ☐	2. NAME OF OPERATOR Lewis B. Burleson, Inc.	3. ADDRESS OF OPERATOR P. O. Box 2479 Midland, TX 79702	4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 660/8 + 1980/W 27-18-32	5. LEASE DESIGNATION AND NUMBER NM 6863	6. IF APPLICABLE, LOT OR TRACT NAME 31-0000-18 NM 11 16	7. UNIT NAME 31-0000-18	8. FARM OR LEASE NAME Anadarko Fed.	9. WELL NO. 1	10. FIELD AND PROD. OR WILDCAT Querecho Plains (On) Assoc	11. SEC. T., R., M., OR BLE. AND SUBST. OR AREA 27 21 - 18S - 32E	12. COUNTY OR PARISH Lea	13. STATE NM
14. PERMIT NO.												
15. ELEVATIONS (Show whether OF, BT, OR, etc.)												
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 ☐	WATER SHUT-OFF ☐										
FRACURE TREAT ☐	MULTIPLE COMPLETE ☐	FRACTURE TREATMENT ☐										
RIGHT OR ACIDIZE ☐	ABANDON* ☒	SHOOTING OR ACIDIZING ☐										
REPAIR WELL ☐	CHANGE PLANT ☐	(Other) ☐										
(Other) ☐												
17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Fully 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.)*												

We are preparing our engineering study of abandonment to see if any casing, etc. can be salvaged. Specific P & A proposals will follow.

RECEIVED

16. MAY 23 8 52 AM '91

16. MAY 23 8 52 AM '91

RECEIVED
FBI 21 12 06 PM '90
BUREAU OF LAND MANAGEMENT
HOLLOMAN, NM

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

SIGNED

TITLE Vice-President

DATE 2-20-91

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions 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.

Form 1001-2
Revised 1-78 (1001)
GPO: 1978-0-231-1

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

PERMIT TO DRILL OR TO DEEPEN OR TO PLUG BACK TO A DIFFERENT RESERVOIR
(Other instructions are on
Form 1001-2)

Form approved by
Department of the Interior
August 11, 1988

1. LEASE REGISTRATION AND SERIAL NO.

N.M. 6863

2. 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.)

1. OIL WELL ☒ GAS WELL ☐ OTHER ☐	7. UNIT AGREEMENT NAME
2. NAME OF OPERATOR HUMBOLDT OIL COMPANY	8. FARM OR LEASE NAME ANADARKO FED
3. ADDRESS OF OPERATOR P.O. BOX 5270 - HOBBS, NEW MEXICO 88241	9. WELL NO. 1
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 6601 S + 1980/W	10. FIELD AND POOL, OR WILDCAT Overch. Plains Area Assoc.
14. PERMIT NO. 30-02500872	11. SEC., T., R. M., OR S.W. 1/4, AND SURVEY OR AREA SOC 27 T-18S R-32E
15. ELEVATIONS (Show whether of, to, or, etc.)	12. COUNTY OR PARISH LEA
	13. STATE N.M.

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF	☐	WATER SHUT-OFF	☐
FRACURE TREAT	☐	FRACURE TREATMENT	☐
SHOOT OR ACIDIZE	☐	SHOOTING OR ACIDIZING	☐
REPAIR WELL	☐	(Other)	☐
(Other)	☐	(Other)	☒

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent data, 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.)

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

1. SET 9 5/8 CIBP AT 3650'
2. SPOT 15 SKS CEMENT ON TOP OF 9 5/8 CIBP
3. LOAD HOLE W/MUD
4. SPOT 45 SKS CEMENT AT 805' WOC TAGGED PLUG AT 650'
5. SPOT 20 SKS CEMENT FROM 64 ft. TO SURFACE 0 SET P&A MARKER.

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

SIGNED <i>Raymond McDaniel</i>	TITLE P&A SUPERVISOR	DATE 7-25-91
(This space for Federal or State office use)		
APPROVED BY	TITLE	DATE 9/27/91
CONDITIONS OF APPROVAL, IF ANY:		

*See Instructions 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.

State of New Mexico
Oil Conservation Division
P.O. Box 1980, Hobbs, NM 88240

State of New Mexico
Energy, Minerals and Natural Resources Department

RECEIVED

Form C-164
Revised 1-1-89
See Instructions
at Bottom of Page

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

'91 APR 12 AM 9 17

PERMIAN
P.O. Drawer DD, Artesia, NM 88210

PERMIAN
1200 Kuo Drive RA, Aztec, NM 87410

REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

Operator Mewbourne Oil Company	Well AM No. 30-025-00872
Address P. O. Box 7698, Tyler, Texas 75711	
Reason(s) for filing (Check proper box) ☐ Other (Please explain)	
New Well ☐ Change in Transporter of: ☐ Oil ☐ Dry Gas ☐	
Recompletion ☐ Changehead Gas ☐ Condensate ☐	
Change in Operator ☒	
If change of operator give name and address of previous operator Lewis B. Burleson, Inc., P.O. Box 2479, Midland, Texas 79702	

II. DESCRIPTION OF WELL AND LEASE

Lease Name ANADARKO FEDERAL	Well No. 1	Pool Name, Including Formation QUERREJO PLAINS (QUEEN) ASSOC.	Kind of Lease N/A Federal or RM	Lease No. NM-6863
Location Unit Letter N 660 Feet From The South Line and 1980 Feet From The West Line Section 27 Township 18 South Range 32 East, NMPM, Lea County				

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil ☒ or Condensate ☐ The Permian Corporation	Address (Give address to which approved copy of this form is to be sent) P.O. Box 1183, Houston, Texas 77251					
Name of Authorized Transporter of Gashead Gas ☒ or Dry Gas ☐ Phillips 66 Natural Gas Company	Address (Give address to which approved copy of this form is to be sent) 900 Plaza Office Bldg., Bartlesville, OK 74004					
If well produces oil or liquids, give location of tanks.	Unit N	Sec. 27	Twp. 18S	Rge. 32E	Is gas actually connected? Yes	When? No

If this production is commingled with that from any other lease or pool, give commingling order number:

IV. COMPLETION DATA

Designate Type of Completion - (X)	Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Res'v	Diff Res'v
Date Spudded	Date Compl. Ready to Prod.		Total Depth		P.B.T.D.			
Elevations (DP, NKB, RT, GR, etc.)	Name of Producing Formation		Top Oil/Gas Pay		Tubing Depth			
Perforations					Depth Casing Shoe			
TUBING, CASING AND CEMENTING RECORD								
HOLE SIZE	CASING & TUBING SIZE		DEPTH SET		SACKS CEMENT			

V. TEST DATA AND REQUEST FOR ALLOWABLE

OIL WELL (Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable for this depth or be for full 24 hours.)

Date First New Oil Run To Tank	Date of Test	Producing Method (Flow, pump, gas lift, etc.)	
Length of Test	Tubing Pressure	Casing Pressure	Choke Size
Actual Prod. During Test	Oil - Bbls.	Water - Bbls.	Gas - MCF

GAS WELL

Actual Prod. Test - MCF/D	Length of Test	Bbls. Condensate/MCF	Gravity of Condensate
Sealing Method (J-slot, back pr.)	Tubing Pressure (Shut-in)	Casing Pressure (Shut-in)	Choke Size

VI. OPERATOR CERTIFICATE OF COMPLIANCE

I hereby certify that the rules and regulations 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.

K. M. Calvert
K. M. Calvert, Engineering Manager
P.O. Box 1980, Hobbs, NM 88240
Phone (505) 336-1000
Telex 150000

OIL CONSERVATION DIVISION

Date Approved APR 08 1991

By [Signature]

Title DISTRICT 1 SUPERVISOR

INSTRUCTIONS: This form is to be filed in compliance with Rule 1104

(1) Request for allowable for newly drilled or deepened well must be accompanied by tabulation of deviation tests taken in accordance with Rule 111.

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

(3) Fill out only Sections I, II, III, and VI for changes of operator, well name or number, transporter, or other such changes.

DISTRIBUTION	
DATE	
TIME	
DEPT.	
FIELD OFFICE	
TRANSPORTER	OIL GAS
OPERATOR	
PERCUTATION OFFICE	

NEW MEXICO OIL CONSERVATION COMMISSION
REQUEST FOR ALLOWABLE
AND
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

Form C-104
 Supersedes Old C-104 and C-111
 Effective 1-1-65

Superior
Lewis B. Burleson, Inc.
Address
Box 2479, Midland, Texas 79702
Reason(s) for filing (Check proper box)
 New Well ☐ Change in Transporter of: Oil ☐ Dry Gas ☐
 Recompletion ☐ Oil ☐ Casinghead Gas ☐ Condensate ☐
 Change in Ownership ☒

If change of ownership give name and address of previous owner **Burleson & Huff, Box 2479, Midland, Texas 79702**

II. DESCRIPTION OF WELL AND LEASE

Lease Name Anadarko Federal	Well No. 1	Pool Name, including Formation Querecho Plains	Kind of Lease State, Federal or Fee Fed.	Lease No. NM-6863
Location Unit Letter V : 660 Feet From The south Line and 1980 Feet From The west Line of Section 27 Township 18-S Range 32E , NMPM, Lea County				

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil ☒ or Condensate ☐ The Permian Corporation	Address (Give address to which approved copy of this form is to be sent) Box 1183, Houston, Texas 77001
Name of Authorized Transporter of Casinghead Gas ☐ or Dry Gas ☐ Phillips Petroleum Co.	Address (Give address to which approved copy of this form is to be sent) Bartlesville, Okla. 74004
If well produces oil or liquids, give location of tanks.	Unit : N Sec. : 27 Twp. : 18 Rge. : 32 Is gas actually connected? yes When

If this production is commingled with that from any other lease or pool, give commingling order number:

IV. COMPLETION DATA

Designate Type of Completion - (X)	Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Res'v.	Diff. Res'v.
Date Spudded	Date Compl. Ready to Prod.		Total Depth		P.B.T.D.			
Elevations (DF, RAD, RT, GR, etc.)	Name of Producing Formation		Top Oil/Gas Pay		Tubing Depth			
Perforations					Depth Casing Shoe			

TUBING, CASING, AND CEMENTING RECORD

MOLE SIZE	CASINO & TUBING SIZE	DEPTH SET	SACKS CEMENT

V. TEST DATA AND REQUEST FOR ALLOWABLE

(Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable for this depth or be for full 24 hours)

Date First New Oil Run To Tanks	Date of Test	Producing Method (Flow, pump, gas lift, etc.)	
Length of Test	Tubing Pressure	Casing Pressure	Choke Size
Actual Prod. During Test	Oil-Bbls.	Water-Bbls.	Gas-MCF

VII. TAG WELL

Actual Prod. Test-MCF/D	Length of Test	Bbls. Condensate/MCF	Gravity of Condensate
Testing Method (shot, back pr.)	Tubing Pressure (shot-in)	Casing Pressure (shot-in)	Choke Size

CERTIFICATE OF COMPLIANCE

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

President

(Signature)

(Title)

January

1979

OIL CONSERVATION COMMISSION

APPROVED

APR 2 1979

BY

Geologist

TITLE

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

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

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

Fill out only Sections I, II, III, and VI for change of owner.

Form 9-33
(May 1963)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

COPY TO O. C. C.

SUBMIT IN TRIPLICATE*
(Give instructions on re-
verse side)

Form approved
Budget Bureau No. 43-21424

5. 1. AREA DESIGNATION AND SERIAL NO.

NM-6863

6. IF INDIAN, ALIOTTE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Anadarko Federal

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Querecho Plains Associated

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

Sec. 27, T18S, R32E

12. COUNTY OR PARISH 13. STATE

Lea

NM

1. OIL ☒ WELL GAS ☐ WELL OTHER ☐

2. NAME OF OPERATOR

Lewis B. Burleson, Inc.

3. ADDRESS OF OPERATOR

Box 2479, Midland, Texas 79702

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

At surface

660 FSL & 1980 FWL Sec. 27, T-18-S, R-32-E

16. PERMIT NO.

15. ELEVATIONS (Show whether 20, 25, 30, etc.)

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREATMENT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

change oper. ☒

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

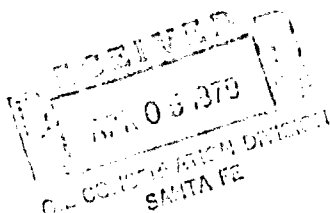
ALTERING CASING

ABANDONMENT*

(Note: Report results of multiple completion on Well
Completion or Recumpletion 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 names perti-
nent to this work.)*

Change name of operator from Burleson & Huff to Lewis B. Burleson, Inc.



RECEIVED

MAR 28 1979

U. S. GEOLOGICAL SURVEY
HOBBS, NEW MEXICO

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

SIGNED

[Signature]

TITLE

Production Clerk

DATE

3-28-79

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

ACCEPTED FOR RECORD
MAR 29 1979
U. S. GEOLOGICAL SURVEY
HOBBS, NEW MEXICO

*See Instructions on Reverse

Form 9-331
(May 1963)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE*
(Other instructions on re-
verse side)

Form approved,
Budget Bureau No. 42-R1424.

6. LEASE DESIGNATION AND SERIAL NO.

NM-6863

8. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

9. FARM OR LEASE NAME

Anadarko

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Querecho Plains Queen

11. SEC., T., R., E., OR S.E., AND
SURVEY OR AREA

Sec. 27, T-18-S, R-32-E

14. PERMIT NO.

15. ELEVATIONS (Show whether OF, AT, OR, etc.)

3720 GR

12. COUNTY OR PARISH

Lea

13. STATE

NM

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

(NOTE: Report results of multiple completion on Well
Completion or Recompletion 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.)

On October 19, 1976 we proposed to run 4-1/2" casing in this well to better control fluid. These plans were approved by you but this work was not done as proposed. Please cancel these plans and this well will be produced through 9-5/8" casing as before

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

SIGNED

TITLE Co-Owner

DATE 5-19-78

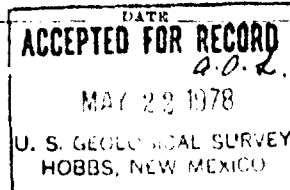
(This space for Federal or State office use)

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side



Form 9-331
(May 1963)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPPLICATE*
(Other instructions on re-
verse side)

Form approved:
Budget Bureau No. 42-11424
6. LEASE DESIGNATION AND SERIAL NO.

NM-6863

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.)

1. ☐ OIL WELL ☒ GAS WELL ☐ OTHER		7. UNIT AGREEMENT NAME
2. NAME OF OPERATOR Durlson & Huff		8. FARM OR LEASE NAME Anadarko Federal
3. ADDRESS OF OPERATOR Box 2479, Midland, Texas 79701		9. WELL NO. 1
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space "7" below.) At surface 660' from the south & 1980' from the west lines of Sec. 27		10. FIELD AND POOL, OR WILDCAT Querecho Plains Queen
14. PERMIT NO.		11. SEC., T., R., M., OR S.E. AND SURVEY OR AREA Sec. 27, T-18-S, R-32-E
15. ELEVATIONS (Show whether DT, ST, GR, etc.) 3720 GR		12. COUNTY OR PARISH Lea
		13. STATE NM

18.

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 PLANE	☐
(Other)	Run new casing		☒

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 Recompletion Report and Log form.)

19. 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 completed in 9-5/8" pipe. This pipe is too big for efficient operation. Request permission to run 4150' of 4-1/2" pipe inside the 9-5/8" pipe, cement with 150 sacks. Perforate the queen sand at 3908 to 3938, treat with acid and possibly fracture and complete as gas well.

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

SIGNED

J. D. D.

TITLE

Co-Owner

DATE

October 19, 1976

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

*See Instructions on Reverse Side

**NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT**

Form O-162
Supersedes O-119
Effective 1-1-61

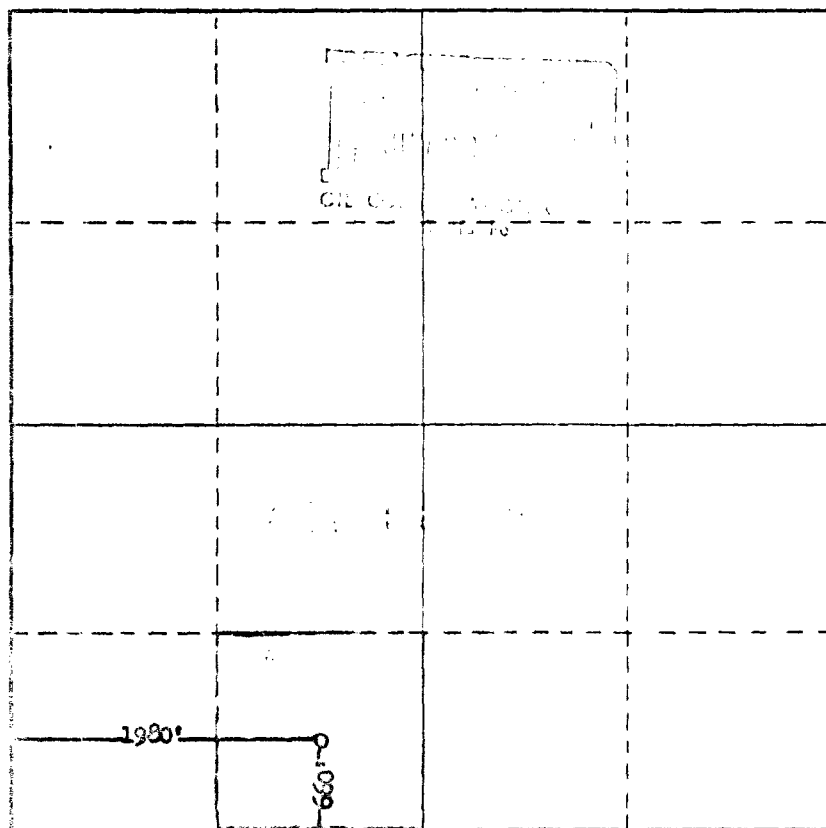
All distances must be from the outer boundaries of the Section

Operator Burleson & Huff		Lease Anadarko		Well No. 1
Unit Letter H	Section 27	Township 18-S	Range 32-E	County Lea
Actual Well Location of Well: 660 feet from the South line and 1980 feet from the West line				
Ground Level Elev. 3120	Producing Formation Wilcox		Dedicated Acreages 40 Acres	

- Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?
☐ Yes ☐ No If answer is "yes" type of consolidation _____

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION

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

Name *J. A. Huff*
 Position **Partner**

Company
Burleson & Huff

Date
June 15, 1972

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

See Original Plat

Date Surveyed _____

Registered Professional Engineer and/or Land Surveyor

Certificate No. _____



100-100000
100-100000

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPPLICATE*
(Other instructions on
reverse side)

Form approved
Budget Bureau No. 42-1

COPY TO

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1. TYPE OF WORK

☒ RE-ENTER ☐ DEEPEN

☒ PLUG BACK

2. KIND OF WELL

☒ WATER ☐ GAS ☐ OTHER

☐ SINGLE ☐ MULTIPLE

3. NAME OF OPERATOR

Penrose & Buff

4. ADDRESS OF OPERATOR

Box 913, Midland, Texas 79701

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

660 F. South and 1960 F. West of Section 27, T-18-S,
Lea County, New Mexico

6. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

660 F. South of Midland

7. LOCATION FROM PROPOSED*

LOCATION TO NEAREST
TOWN OR POST OFFICE, FT.

660 feet

8. NO. OF ACRES IN LEASE

320

9. NO. OF ACRES ASSIGNED
TO THIS WELL

40

10. DEPTH FROM PROPOSED LOCATION*

IN DEEPEST WELL, DRILLING, COMPLETED,
OR ABANDONED FOR, ON THIS LEASE, FT.

11. PROPOSED DEPTH

4190

12. ROTARY OR CABLE TOOLS

clean out unit

13. REMARKS (Show whether D.P., R.T., G.R., etc.)

5120 GR

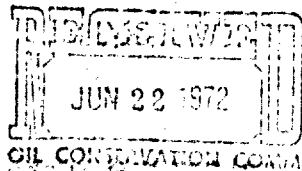
14. APPROX. DATE WORK WILL START*

by July 1, 1972

15. CASING AND CEMENTING PROGRAM done by Shell

SIZE OF HOLES	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
10 3/4"	13 3/8"	48.5	753	750 SK - circulated
	9 5/8"	43.5	4289	1300 SK - circulated

When to re-enter the Shell Querecho Plains Unit No. 2.
Drill cement plug at top and set C. I. B. P. at 4250'
and set 2 in. of cement on plug. Part Penrose sand at 4040' to 4070' and treat and test.
If not productive, complete in this zone. If not productive set C. I. B. P. @ 4000' and
part Querecho sand from 3910 to 3941; treat and test for possible gas well. No new pipe
will be set in well.



16. BEFORE SIGNING 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
prevention program, if any.

17. SIGNATURE OF OPERATOR
18. TITLE
19. DATE
20. APPROVAL DATE

21. APPROVED BY
22. TITLE
23. DATE

APPROVED

JUN 19 1972

*See Instructions On Reverse Side

J. L. GORDON
ACTING DISTRICT ENGINEER

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other in-
structions on
reverse side)

Form approved,
Budget Bureau No. 42-3355.2.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other ☐		2. NAME OF OPERATOR Burleson & Huff		3. ADDRESS OF OPERATOR P. O. Box 935, Midland, Texas 79701		4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) At surface 660' South and 1980' West of Sec. 27, T-18-S, R-32-E Lea County, New Mexico At top prod. interval reported below same At total depth same		5. LEASE DESIGNATION AND REEL NO. NM-6863		6. IF INDIAN, ALLOTTEE OR TRIBAL NAME		7. UNIT AGREEMENT NAME		8. FARM OR LEASE NAME Anadarko		9. WELL NO. 1		10. FIELD AND POOL OR WILDCAT UNDESIGNATED WILDCAT		11. SEC. T. R. M., OR BLOCK AND SURVEY OR AREA		12. COUNTY OR PARISH Lea		13. STATE New Mexico			
15. DATE SPUDDED 6-29-72		16. DATE T.D. REACHED 7-14-72		17. DATE COMPL. (Ready to prod.) 7-20-72		18. ELEVATIONS (DP, RMB, RT, GR, ETC.)*		19. SLEV. CAS. MCH. HEAD 3720 GR		20. TOTAL DEPTH, MD & TVD 4200		21. PLUG BACK T.D., MD & TVD 4200		22. IF MULTIPLE COMPL., HOW MANY*		23. INTERVALS DRILLED BY X		24. ROTARY TOOLS		25. CABLE TOOLS		26. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* Queen Sand 3910 to 4035		27. WAS DIRECTIONAL SURVEY MADE		28. WAS WELL CORED NO	
29. TYPE ELECTRIC AND OTHER LOGS RUN No logs run - set Shell log on this well																											
30. 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"		48.5		753		16"		750 sx - circulated																			
9-5/8"		43.5		4529		10-3/4"		1300 sx - circulated																			
31. LINER RECORD																											
SIZE		TOP (MD)		BOTTOM (MD)		BACKS CEMENT*		SCREEN (MD)		32. TUBING RECORD		SIZE		DEPTH SET (MD)		PACKER SET (MD)											
2-7/8		3890		3890																							
33. PERFORATION RECORD (Interval, size and number) 7 shots from 3910' to 4035'																											
34. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.																											
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED																									
3910-4035		1000 HLB acid and 10,000 gal. water, 10,000 lbs. sand																									
35. PRODUCTION																											
DATE FIRST PRODUCTION July 18, 1972		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing		WELL STATUS (Producing or shut-in) Producing																							
DATE OF TEST July 19, 72		HOURS TESTED 24		CHOKE SIZE 3/4		PROD. FOR TEST PERIOD 25		OIL—BBL. 37.5		GAS—MCF. 20		WATER—BBL. 1500:1		OIL—OIL RATIO 3													
FLOW, TUBING PRESS. 5		CASING PRESSURE packer		CALCULATED 24-HOUR RATE 25		OIL—BBL. 37.5		GAS—MCF. 20		WATER—BBL. 20		OIL—OIL RATIO 3															
36. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) vent																											
37. TEST WITNESSED BY																											
38. LIST OF ATTACHMENTS																											
39. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records																											
SIGNED P. B. Burleson		TITLE Partner		DATE 7-20-72																							

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

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 25, 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 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other reports 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 35. 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: "Seals Cemented": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 31: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

See log as filed by Shell: Below our interpretation to 4200' which is our plug back depth.

No new electric log run on well only a perforating log was run - see drill log.

27. SUMMARY OF FORMER ZONES: SHOW ALL INTERVAL ZONES OF PRODUCE AND CONTAINS THEREOF: COARSE INTERVALS, AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CEMENT, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURE, AND RECOVERIES		28. GEOLOGIC MARKERS				
FORMATION	TOP	BOTTOM	DESCRIPTION, CORRELATION, ETC.	NAME	MEAS. DEPTH	TIME TEST DEPTH
Red Beds	0	1130	Red Beds	Anydrite	1130	1130
Anydrite	1130	1260	Anydrite	Salt & Anydrite	1260	1260
Salt	1260	2530	Salt & Anydrite	Sand and Anydrite & Shale	2700	2700
Yates	2700	3110	Sand and Anydrite & Shale	Sand and Anydrite & Shale	3110	3110
Seven Rivers	3110	3900	Sand and Anydrite & Shale	Queen	3900	3900
Queen	3900	4200				

Our PBD is 4200'
See Shell log on Querredo Plains Deep
Unit No. 2

DISTRIBUTION	
ANTA FE	
FILE	
I.S.O.E.	
LAND OFFICE	
TRANSPORTER	OIL
	GAS
OPERATOR	
PRODUCTION OFFICE	

**NEW MEXICO OIL CONSERVATION COMMISSION
REQUEST FOR ALLOWABLE
AND
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS**

Form C-104
Supersedes Old Form C-104
Effective 1-1-65

I. OPERATOR

BURLESON and HUFF

Address
P. O. Box 935 - Midland, Texas 79701

Reason(s) for filing (Check proper box)	Other (Please explain)
New Well ☐	This lease is tied into the Phillips Petroleum system
Recompletion ☐	
Change in Ownership ☐	
Change in Transporter of: Oil ☐ Dry Gas ☐ Casinghead Gas ☒ Condensate ☐	

If change of ownership give name and address of previous owner _____

II. DESCRIPTION OF WELL AND LEASE

Lease Name ANADARKO	Well No. 1	Pool Name, including Formation Querecho Plains Queen	Kind of Lease State, Federal or Fee Federal	Lease No. NM-6863
Location Unit Letter N ; 660 Feet From The South Line and 1980 Feet From The West Line of Section 27 Township 18 South Range 32 East , NMPM, Lea County				

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil ☐ or Condensate ☐	Address (Give address to which approved copy of this form is to be sent)
Phillips Petroleum Company	Bartlesville, Oklahoma
Name of Authorized Transporter of Casinghead Gas ☒ or Dry Gas ☐	Address (Give address to which approved copy of this form is to be sent)
Phillips Petroleum Company	Bartlesville, Oklahoma
If well produces oil or liquids, give location of tanks.	Is gas actually connected? When
Unit 1 Sec. 27 Twp. 18 Rge. 32	

If this production is commingled with that from any other lease or pool, give commingling order number: _____

IV. COMPLETION DATA

Designate Type of Completion - (X)	Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Res'v.	Diff. Res'v.
☒								
Date Spudded	Date Compl. Ready to Prod.	Total Depth	P.B.T.D.					
Elevations (DF, RKB, RT, GR, etc.,)	Name of Producing Formation	Top Oil/Gas Pay	Tubing Depth					
Perforations			Depth Casing Shoe					
TUBING, CASING, AND CEMENTING RECORD								
HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT					

V. TEST DATA AND REQUEST FOR ALLOWABLE OIL WELL

(Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable for this depth or be for full 24 hours)

Date First New Oil Run To Tanks	Date of Test	Producing Method (Flow, pump, gas lift, etc.,)	
Length of Test	Tubing Pressure	Casing Pressure	Choke Size
Actual Prod. During Test	Oil - Bbls.	Water - Bbls.	Gas - MCF

GAS WELL

Actual Prod. Test - MCF/D	Length of Test	Bbls. Condensate/MCF	Gravity of Condensate
Testing Method (pilot, back pr.)	Tubing Pressure (shut-in)	Casing Pressure (shut-in)	Choke Size

VI. CERTIFICATE OF COMPLIANCE

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

L. B. B...
(Signature)
Partner
(Title)

OIL CONSERVATION COMMISSION

APPROVED *[Signature]* FEB 1965
BY *[Signature]*
TITLE **SUPERVISOR DISTRICT I**

This form is to be filed in compliance with RULE 1104.
If this is a request for allowable for a newly drilled or deepened well, this form must be accompanied by a tabulation of the deviation tests taken on the well in accordance with RULE 111.
All sections of this form must be filled out completely for allowable on new and recompleted wells.

DISTRICT NO.	
COUNTY	
FILE NO.	
LAND OFFICE	
TRANSPORTER	OIL GAS
OPERATOR	
PRODUCTION OFFICE	

NEW MEXICO OIL CONSERVATION COMMISSION
REQUEST FOR ALLOWABLE
AND
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

Form O-101
Supersedes Old O-101 and O-110
Effective 1-1-65

I. OPERATOR

Operator Burleson and Huff

Address P.O. Box 935 Midland, Texas 1 79701

Reason(s) for filing (check proper box)

New Well ☒ Change in Transporter ☐ Other (please explain) RENEWAL OF EXPIRED PERMIT

Recompletion ☐ Oil ☐ Dry Gas ☐ RENEWAL OF EXPIRED PERMIT

Change in Ownership ☐ Casinghead Gas ☐ Casinghead ☐ RENEWAL OF EXPIRED PERMIT

If change of ownership give name and address of previous owner:

II. DESCRIPTION OF WELL AND LEASE

Lease Name Anadarko Well No. 1 Section 32 Township 18 Range 32 County Midland

Location South Line and 1980 Feet From The West

Unit Letter N : 660 Feet From The West

Line of Section 27 Township 18 Range 32 County Midland

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil Permian Corp. or Condensate Midland, Texas

Name of Authorized Transporter of Casinghead Gas None yet possible Phillips or Dry Gas Midland, Texas

If well produces oil or liquids, give location of tanks: Unit N Sec. 27 Twp. 18 Range 32

Is gas actually connected? when

If this production is commingled with that from any other lease or pool, give commingling order number:

IV. COMPLETION DATA

Designate Type of Completion - (X)

Oil well ☒ Gas well ☐ New well ☒ Re-completion ☒ Completion ☐ Plug back ☐ Same hole, both heavy ☐ Both heavy ☐

Date completed 7-15-72 Date Comp. Ready to Prod. 7-15-72 Total Depth 3910 Production 18,317 BBL/D

Elevations (OF, RKD, RT, GN, etc.) 3720 Gr. Name of Producing Formation Queen Top Casing Way 3910 Tubing Depth 3910

Perforations 7 shots from 3910 to 4035 Depth Shooting Zone 3910 to 4035

TUBING, CASING, AND CEMENTING RECORD

HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	BACKS CEMENT
13"	13 5/8"	400	YES
10 3/4"	9 5/8"	400	YES

V. TEST DATA AND REQUEST FOR ALLOWABLE

(Test must be open recovery of total volume of fluid oil and must be equal to or exceed top oil - 5% for the depth of the test.)

Date First New Oil Run To Tanks 7-17-72 Date of Test 7-18-72 Flowing Method (draw, pump, gas lift, etc.) Flowing

Length of Test 24 hrs. Tubing Pressure 5 Casing Pressure 5 Choke Size 1/2"

Actual Prod. During Test 25 B.O. Oil - B.O. 25 B.O. Gas - B.O. 0 Water - B.O. 0

Oil - B.O. 0 Gas - B.O. 0 Water - B.O. 0

Actual prod. Test - MCF/D 0 Length of Test 24 hrs. Water - Condensate - MCF/D 0 Gravity of Condensate 50

Flowing Method (pilot, back pr.) Flowing Tubing Pressure (2400-in) 5 Casing Pressure (2400-in) 5 Choke Size 1/2"

VI. CERTIFICATE OF COMPLIANCE

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

Barb Burleson (Signature)
Barb Burleson (Name)
July 21, 1972 (Date)

OIL CONSERVATION COMMISSION

APPROVED [Signature] 19 72

BY [Signature]

TITLE [Signature]

This form is to be filed in compliance with RCED 106.

If this is a request for allowable for a newly drilled or deepened well, attach a copy of the well log.

FILED [Signature]

DATE July 21, 1972

BY [Signature]

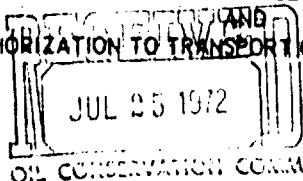
TITLE [Signature]

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LAND OFFICE	
TRANSPORTER	OIL
	GAS
OPERATOR	
PRORATION OFFICE	

NEW MEXICO OIL CONSERVATION COMMISSION
REQUEST FOR ALLOWABLE
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

Form C-104
 Supersedes Old C-104 and C-110
 Effective 1-1-65



I. OPERATOR
 Operator: Burleson and Huff
 Address: P.O. Box 935 Midland, Texas 1 79701
 Reason(s) for filing (check proper box)
 New Well ☒ Change in Transporter of: Oil ☒ Dry Gas ☐
 Recompletion ☐ Casinghead Gas ☐ Condensate ☐
 Change in Ownership ☐
 Other CASINGHEAD GAS MUST NOT BE FLARED UNLESS A PERMIT TO R-1070 IS OBTAINED

If change of ownership give name and address of previous owner _____

II. DESCRIPTION OF WELL AND LEASE

Lease Name <u>Anadarko</u>	Well No. <u>1</u>	Pool Name, including Formation <u>Wildcat Queen</u>	Kind of Lease State, Federal or Free <u>Federal</u>	Lease No. <u>NM 6863</u>
Location Unit Letter <u>N</u> ; <u>660</u> Feet From The <u>South</u> Line and <u>1980</u> Feet From The <u>West</u> Line of Section <u>27</u> Township <u>18</u> Range <u>32</u> , NMF.M. Lea County				

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil ☒ or Condensate ☐ <u>Permian Corp.</u>	Address (Give address to which approved copy of this form is to be sent) <u>Midland, Texas</u>
Name of Authorized Transporter of Casinghead Gas ☐ or Dry Gas ☐ <u>None yet possible Phillips</u>	Address (Give address to which approved copy of this form is to be sent)
If well produces oil or liquids, give location of tanks.	Unit <u>N</u> Sec. <u>27</u> Twp. <u>18</u> Rge. <u>32</u> Is it actually connected? <u>When</u>

If this production is commingled with that from any other lease or pool, give commingling order number: _____

IV. COMPLETION DATA

Designate Type of Completion - (X)	Oil Well ☒	Gas Well ☐	New Well ☒	Workover ☒	Deepen ☐	Plug Back ☐	Same Res'v. ☐	Diff. Res'v. ☐
Date Spudded <u>6-29-72</u> re-spud <u>7-18-72</u>	Date Compl. Ready to Prod. <u>7-18-72</u>	Total Depth <u>Shell's Old T.D. 14,337</u>	P.B.T.D. <u>4200</u>					
Elevations (DF, RKB, RT, GR, etc.) <u>3720 Gr.</u>	Name of Producing Formation <u>Queen</u>	Top Oil/Gas Pay <u>3910</u>	Tubing Depth <u>3800</u>					
Perforations <u>7 shots from 3910 to 4035</u>			Depth Casing Shoe <u>on 95/8 4580</u>					
TUBING, CASING, AND CEMENTING RECORD								
HOLE SIZE <u>16"</u> <u>103/4</u>	CASING & TUBING SIZE <u>13 3/8</u> <u>9 5/8</u>	DEPTH SET <u>753</u> <u>4589</u>	SACKS CEMENT <u>750 sx Circ.</u> <u>1300 sx circ.</u>					

V. TEST DATA AND REQUEST FOR ALLOWABLE OIL WELL

(Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable for this depth or be for full 24 hours)

Date First New Oil Run To Tanks <u>7-17-72</u>	Date of Test <u>7-18-72</u>	Producing Method (Flow, pump, gas lift, etc.) <u>Flowing</u>	
Length of Test <u>24</u>	Tubing Pressure <u>5H</u>	Casing Pressure <u>packer</u>	Choke Size <u>3/4</u>
Actual Prod. During Test <u>25 B.O.</u>	Oil-Bbls. <u>25 B.O.</u>	Water-Bbls. <u>20</u>	Gas-MCF <u>37.5</u>

GAS WELL

Actual Prod. Test-MCF/D	Length of Test	Bbls. Condensate/MMCF	Gravity of Condensate
Testing Method (spot, back pr.)	Tubing Pressure (shut-in)	Casing Pressure (shut-in)	Choke Size

VI. CERTIFICATE OF COMPLIANCE

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

Les B. Burleson
 (Signature)

July 31, 1972
 (Date)

OIL CONSERVATION COMMISSION

APPROVED Jul 24 1972 19
 BY [Signature]
 TITLE SUPERVISOR DISTRICT I

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

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

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

NEW MEXICO OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO

Form G-11C
Revised 7/1/55

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

CERTIFICATE OF COMPLIANCE AND AUTHORIZATION
TO TRANSPORT OIL AND NATURAL GAS

Company or Operator Shell Oil Company Lease Querecho Plains Unit
Well No. 2 Unit Letter N S 27 T 18S R 32E Pool Querecho Plains-Bone Spring
County Lea Kind of Lease (State, Fed. or Patented) Federal
If well produces oil or condensate, give location of tanks: Unit * S T R
Authorized Transporter of Oil or Condensate Permian Oil Company (Trucks)
Address Box 4157, Midland, Texas
(Give address to which approved copy of this form is to be sent)
Authorized Transporter of Gas none
Address _____ Date Connected _____
(Give address to which approved copy of this form is to be sent)
If Gas is not being sold, give reasons and also explain its present disposition:
Gas being flared - no pipeline connection available.

Reasons for Filing: (Please check proper box) New Well ()
Change in Transporter of (Check One): Oil () Dry Gas () C'head () Condensate ()
Change in Ownership () Other (x)
Remarks: (Give explanation below)

* Well producing into temporary storage facilities.

x Change in Pool designation from undesignated to Querecho Plains-Bone Spring.

The undersigned certifies that the Rules and Regulations of the Oil Conservation Commission have been complied with.

Executed this the 16th day of July 19 59

By R. A. Lowery *R. A. Lowery*

Approved JUL 20 1959 19

Title District Exploitation Engineer

OIL CONSERVATION COMMISSION

Company Shell Oil Company

By [Signature]

Address Box 845

Title Engineer District I

Roswell, New Mexico

ORIGINAL

U.S. MEXICO OIL CONSERVATION COMMISSION Form C-110
SANTA FE, NEW MEXICO Required 7/1/55

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

SEP 17 1960

CERTIFICATE OF COMPLIANCE AND AUTHORIZATION
TO TRANSPORT OIL AND NATURAL GAS

Company or Operator Shell Oil Co. Lea Querecho Plains Unit

Well No. 2 Unit Letter N S 27 T 18S R 32E Pool Querecho Plains Bone Spring

County Lea Kind of Lease (State, Fed. or Patented) Federal

If well produces oil or condensate, give location of tank: N S 27 T 18S R 32E

Authorized Transporter of Oil or Condensate The Permian Corporation

Address P. O. Box 4157, Midland, Texas
(Give address to which approved copy of this form is to be sent)

Authorized Transporter of Gas

Address _____ Date Connected _____
(Give address to which approved copy of this form is to be sent)

If Gas is not being sold, give reasons and also explain its present disposition:

Gas being flared no pipeline connection available

Reasons for Filing: (Please check proper box) New Well ()

Change in Transporter of (Check One): Oil () Dry Gas () C'head () Condensate ()

Change in Ownership () Other ()

Remarks: (Give explanation below)

To change the gatherer from Permian Oil Company to The Permian Corporation
effect ve September 1, 1960

The undersigned certifies that the Rules and Regulations of the Oil Conservation Com-
mission have been complied with.

Executed this the 14th day of September 19 60

By R. A. Lowery R. A. Lowery

Approved 1960 19

Title District Exploitation Engineer

OIL CONSERVATION COMMISSION

Company Shell Oil Company

By _____
Engineer District I

Address Box 845
Roswell, New Mexico

Title

U.S.G. 10-71
10-71-1043

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPPLICATE*
(Other instructions on re-
verse side)

Form approved
Budget Bureau No. 42 R1426
B. LEASE REGISTRATION AND SURVEY NO.

LC-065007-A

C. IF INDIAN, ALLOTTEE OR TRUST LAND

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.)

1. KIND OF WELL ☒ OIL ☐ GAS ☐ OTHER

2. NAME OF OPERATOR

Shell Oil Company (Western Division)

3. ADDRESS OF OPERATOR

Post Office Box 1509, Midland, Texas 79701

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

660' FWL and 1980' FWL (SW/4 SW/4) Section 27, T-1-S,
2-12-E, NPM Survey, Lea County, New Mexico

5. PERMIT NO.

16. ELEVATIONS (Show whether SW, SE, etc.)

3735' DY

7. UNIT AGREEMENT NAME

Querecho Plains Unit

8. NAME OF LEASE NAME

Querecho Plains Unit

9. WELL NO.

2

10. FIELD AND POOL, OR WILDCAT

Querecho Plains (Bona

11. SEC., T., R., W., OR S.W. AND S.W. AND SPRINGS)

Section 27, T-1-S,

2-12-E, NPM

12. COUNTY OR PARISH

Lea

13. STATE

New Mexico

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACURE TREAT

SHOOT OR ACIDIZING

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETS

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

(Note: Report results of multiple completion on Well Completion or Recompletion 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.)

SEPTEMBER 29, 1967 THROUGH OCTOBER 3, 1967

1. Pulled rods, pump and tubing.
2. Ran tubing open ended and spotted 50-sack Class "A" Neat cement plug on top of CSEP at 6400' and over perforations 6277' to 6294'.
3. Pulled tubing.
4. Determined free point and recovered 3 1/2" casing at 4905'.
5. Ran tubing and spotted following plugs:

- A. 25 sacks cement top of casing stub at 4905'.
- B. 25 sacks cement across bottom 9 5/8" casing at 4548'.
- C. 10-sack plug at surface.

6. Erected prescribed marker. Well P&A 10-4-67.

18. I certify that the foregoing is true and correct

PREPARED BY D. L. LILLY D.L. Lilly

TITLE Division Mechanical Engineer DATE October 12, 1967

(Leave blank for Federal or State office use)

APPROVED BY
CONDITIONS OF APPROVAL IF ANY:

TITLE APPROVED DATE

NOV 7 1967

*See Instructions on Reverse Side

J. L. GORDON
ACTING DISTRICT ENGINEER

Form 1-62
(Rev. 1-62)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPlicate*
(Other instructions on re-
verse side)

Form approved
Budget Bureau No. 45-11484

1. LEASE DESIGNATION AND SERIAL NO.

LC-065007-A

2. IF INDIAN, ALLOTTEE OR FARM LEASE

3. UNIT AGREEMENT NAME

Querecho Flaming Unit

4. NAME OF LAND-OWNER

Querecho Flaming Unit

5. WELL NO.

10. FIELD AND POOL, OR WILDCAT

Querecho Flaming (Zone

11. SEC. T. R. N. or NE and Springs)

Section 27, T-18-S,

R-12-E, N.M.

12. COUNTY OR RANGE, OR STATE

Lea New Mexico

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.)

1. DATE OF NOTICE
OIL ☒ GAS ☐ OTHER ☐

2. NAME OF OPERATOR

Shell Oil Company (Western Division)

3. ADDRESS OF OPERATOR

Pack Office Box 1509, Midland, Texas 79701

4. LOCATION OF WELL (Describe location clearly and by coordinates with any State requirements.
Use also space if below.)
At surface

600' FUL & 1700' FUL (SH/4 SH/4) Section 27,
T-18-S, R-12-E, N.M. Survey, Lea County, New Mexico

14. FRACTION NO.

15. DEPTH (Show whether to, or, on, etc.)

3735' DV

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

ABANDON WELL

(Other)

PULL OR ALTER Casing

MULTIPLE COMPLETES

ABANDON

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING Casing

ABANDONMENT

(NOTE: Report results of multiple completion or Full Completion or Recompletion 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 casing points to this work.)

1. Pulled rods.
2. Logged 150' minimum (25 sacks) cement plug 8450'-8600' over Zone Springs.
3. Pulled pump and tubing.
4. Set GRP at 8400' and capped with 1 sack cement.
5. Treated with 300 gallons 15% HMA (8340'-8600').
6. Pulled tubing and perforated Delaware with 1 - 3/8" jet shot at 8254', 8256', 8278', 8272', and 8277' (3 holes).
7. Set 7 1/2" packer on 2 1/2" tubing and set at 8113'.
8. Spaced via tubing as follows:
 - A. Pumped 500 gallons LO containing 15% Adomite Mark II.
 - B. Pumped 2000 gallons LO containing 100% Adomite Mark II + 1#/gallon 20-40 mesh sand.
9. Swabbed.
10. Pulled tubing and packer.
11. In 24 hours pumped 16 BW, no oil. Operation to recomplate in Delaware and unsuccessful.

07 OCT 9 AM 8 28

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

WILLIAM D. L. LILLY D.L. Lilly

TITLE Division Mechanical Engineer DATE September 27, 1967

(This space for Federal or State office use)

APPROVED BY
CONDITIONS OF APPROVAL, IF ANY:

TITLE ASSEPTED FOR ENGINEER
DATE 10/1/67
District Engineer

*See instructions on Reverse Side

Form G-431
(May 1968)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPlicate
(Other instructions on reverse side)

Copy
Form approved.
Budget Number No. 44-0-0170
7. LEASE NUMBER/OWNER AND ADDRESS
LC-061302-2

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.)

1. ☐ DIL WELL ☒ OIL WELL ☐ GAS WELL ☐ OTHER	7. UNIT AGREEMENT NAME Querecho Plains Unit
2. NAME OF OPERATOR Shell Oil Company (Western Division)	8. FARM OR LEASE NAME Querecho Plains Unit
3. ADDRESS OF OPERATOR Post Office Box 1509, Midland, Texas 79701	9. WELL NO. 2
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) 6400' FSL & 1980' FUL (EW/4 SW/4), Section 27, T-18-S, R-32-E, N28M Survey, Lea County, New Mexico	10. FIELD AND POOL, OR WILDCAT Querecho Plains (Section 27, T-18-S, R-32-E, N28M Survey or AREA)
14. PERMIT NO.	15. ELEVATIONS (Show whether DT, ST, GR, etc.) 3735' DT
16. COUNTY OR PARISH Lea	17. STATE New Mexico

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF	☐	WATER SHUT-OFF	☐
FRACURE TREAT	☐	FRACURE TREATMENT	☐
SHOOT OR ACIDIZE	☐	SHOOTING OR ACIDIZING	☐
REPAIR WELL	☐	(Other)	☐
(Other)	☐		
PULL OR ALTER CASING	☐	REPAIRING WELL	☐
MULTIPLE COMPLETS	☐	ALTERING CASING	☐
ABANDON*	☒	ABANDONMENT*	☐
CHANGE PLANS	☐		

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.)*

1. Pull rods, pump and tubing.
2. Run tubing and spot 50-sack Class "A" Neat cement plug on top of CISP at 6400' and over perforations 6277'-6254'.
3. Pull tubing.
4. Cut 5 1/2" casing at free point and recover casing.
5. Run tubing and spot the following cement plugs:
 - A. 25-sack plug at top of casing stub.
 - B. 25-sack plug across bottom of 2 3/8" at 4548'.
 - C. 10-sack plug at surface.
6. Erect prescribed marker.

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

ORIGINAL SIGNED

SIGNED BY D.L. LILLY D.L. Lilly

TITLE Division Mechanical Engineer DATE September 10, 1967

(This space for Federal or State office use)

APPROVED BY
CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

*See Instructions on Reverse Side

Form 9-551
(May 1964)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPPLICATE*
(Other instructions on reverse side)

Form approved

Budget Bureau, Inc.

5. LEASE DESIGNATION AND NUMBER

LC-063007-A

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.)

1. TYPE OF WELL ☒ OIL WELL ☐ GAS WELL ☐ OTHER

2. NAME OF OPERATOR

Shell Oil Company (Western Division)

3. ADDRESS OF OPERATOR

P. O. Box 1500, Midland, Texas 79701

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

At surface

660' ESL & 1930' VWL, (SW/4 SW/4) Section 27,
T-18-S, R-32-E, NMPH Survey, Lea County, New Mexico

7. UNIT AGREEMENT NAME

Querecho Plains Unit

8. FARM OR LEASE NAME

Querecho Plains Unit

9. WELL NO.

2

10. FIRED AND POOL, OR WILDCAT

Querecho Plains
(Bona Springs)

11. SEC. T. R. M. OR BLM. AND
SURVEY OR AREA
Section 27, T-18-S,
R-32-E, NMPH

12. COUNTY OR PARISH

Lea

New Mexico

14. PERMIT NO.

15. ELEVATIONS (Show whether DT, RT, or, etc.)

3733' DV

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACURE TEST

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETS

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

(Note: Report results of multiple completion or Well Completion or Recompletion 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.)

June 8, 1967 through June 27, 1967

1. Pulled rods, pump and tubing.
2. Set GESP at 6400' and capped with 1 sack cement.
3. Treated with 300 gallons 15% HMA (6350'-6000').
4. Pulled tubing and perforated Delaware with 1 3/8" JS at 6254', 6256', 6270', 6272' and 6277' (5 holes).
5. Ran TB packer on 2 1/2" tubing and set at 6113'.
6. Fraced via tubing as follows:
 - A. Pumped 500 gallons LO containing 25# Adomite Mark II.
 - B. Pumped 2000 gallons LO containing 100# Adomite Mark II + 1#/gallon 20-40 mesh sand.
7. Sealed.
8. Fraced tubing and packer.
9. In 24 hours pumped 16 BV, no oil. Operation to recomplate in Delaware Sand unsuccessful.

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

Original Signed By

SIGNED - J.D. DUREN J.D. Duren

TITLE Staff Petrophysical Engineer DATE June 19, 1967

(This space for Federal or State office use)

APPROVED BY
CONDITIONS OF APPROVAL, IF ANY:

TITLE

ACCEPTED FOR RECORD

DATE

JUL 3 1967

*See Instructions on Reverse Side

Form 9-201
(May 1965)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPPLICATE*
(Other instructions on re-
verse side)

Form approved
Budget Bureau No. 48 M1424
LEASE INFORMATION AND SERIAL NO.
LE-065007-A

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.)

1. OIL WELL ☒ GAS WELL ☐ OTHER ☐	7. UNIT ASSIGNMENT NAME Querecho Plains Unit
2. NAME OF OPERATOR Shell Oil Company (Western Division)	8. FARM OR LEASE NAME Querecho Plains Unit
3. ADDRESS OF OPERATOR P.O. Box 1509, Midland, Texas 79701	9. WELL NO. 2
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 660' FSL & 1980' FWL (SE/4 SW/4) Sec. 27, T-18-S, R-32-E, NEFM, Lea County, New Mexico	10. FIELD AND POOL, OR (None) Querecho Plains Spring)
14. PERMIT NO. -	15. ELEVATIONS (Show whether DP, ST, OR, etc.) 3735 DP
	16. COUNTY OR PARISH Lea
	17. STATE New Mexico

18. 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 PLANE

☐

(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 Recompletion 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.)

1. Pull rods, pump and tubing.
2. Set CILP at approximately 6400' and cap w/cement.
3. Treat W/300 gallons 15% NEA.
4. Perforate Delaware sand W/1-3/8" JS A: 6279', 6272', 6270', 6256', 6254' (5 holes)
5. Run tubing W/packer and set at 6100'. Frac treat perforations 6254'-79' as follows:
A. Pump 500 gallons lease oil containing 25# Adomite Mark II.
B. Pump 2000 gallons lease oil containing 100# Adomite Mark II + 15 17-30 mesh sand/gallon.
6. Swab, pull tubing and packer.
7. Place on production. Take OPT.

AMENDMENT: Place additional 150 foot cement plug through interval
8450-8600 feet over Bone Spring perms.

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

SIGNED Original Signed by J. D. DUREN
J. D. DUREN

(This space for Federal or State office use)

APPROVED BY
CONDITIONS OF APPROVAL, IF ANY:

TITLE Staff Petrophysical Engineer DATE June 2, 1967

TITLE AS AMENDED DATE JUN 5 1967

DISTRICT ENGINEER

*See Instructions on Reverse Side

Form C-110

Revised 7/1/55

CERTIFICATE OF COMPLIANCE AND AUTHORIZATION
TO TRANSPORT OIL AND NATURAL GAS

Address Box 845, Roswell, New Mexico

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

(Form C-104)
Revised 7/1/57

ORIGINAL

REQUEST FOR (OIL) - (GAS) ALLOWABLE

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

April 13, 1959

Roswell, New Mexico

(Date)

(Place)

WE ARE HEREBY REQUESTING AN ALLOWABLE FOR A WELL KNOWN AS:

Shell Oil Company Querecho Plains Unit, Well No. 2 in SE 1/4 SW 1/4,
(Company or Operator) (Lease)

N 27 Sec. 27 T -18-S R -32-E, NMPM, Undesignated Pool

Lea County, Date Operation Begin 3-22-59 Date Operation Completed 4-12-59

Please indicate location:

D	O	B	A
E	F	G	H
L	K	J	I
M	N	O	P

660' FSL & 1980' FWL Sec. 27

Elevation 3735' Total Depth 11,330' PBTD 8657'
Top Oil/AKK Pay 8538' Name of Prod. Form. Bone Spring

PRODUCING INTERVAL -

Perforations 8538' - 8560'
T Open Hole - Depth 8700' Depth 8556'
Casing Shoe Tubing

OIL WELL TEST -

Natural Prod. Test: bbls. oil, bbls. water in hrs. min. Size

Test After Acid or Fracture Treatment (after recovery of volume of oil equal to volume of load oil used): 193 bbls. oil, 12 bbls. water in 24 hrs. min. Size 20/64"

GAS WELL TEST -

Natural Prod. Test: MCF/Days Hours flowed Choke Size

Tubing, Casing and Cementing Record

Size	Feet	Size
13 3/8"	730	750
9 5/8"	4,529	1300
5 1/2"	8,689	800
2"	8,541	

Method of Testing (pitot, back pressure, etc.):

Test After Acid or Fracture Treatment: MCF/Days Hours flowed

Choke Size Method of Testing:

Acid or Fracture Treatment (Give amounts of materials used, such as acid, water, oil, and sand): 250 G. HDA, 10,000 G. Refined Oil, 10,000# sand & 250# Adomite

Casing Tubing Date first new April 12, 1959
Press. Press. oil run to tanks

Oil Transporter: Permian Oil Company (Trucks)

Gas Transporter: none

Remarks: Set bridging plug @ 11,500' & capped w/cement to 8657'.

Request cancellation of Pennsylvanian (Atoka) allowable.

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

Approved: APR 17 1959, 19

Shell Oil Company

(Company or Operator)

By: Rex C. Cabaniss (Signature)

Title: District Exploitation Engineer

Send Communications regarding well to:

Name: Shell Oil Company

Address: Box 845, Roswell, New Mexico

OIL CONSERVATION COMMISSION

Title: Engineer District 7

NEW MEXICO OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO

Form C-110
Revised 7/1/55

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

CERTIFICATE OF COMPLIANCE AND AUTHORIZATION
TO TRANSPORT OIL AND NATURAL GAS

Company or Operator Shell Oil Company Lease Querocho Plains Deep Unit

Well No. 2 Unit Letter N S 27 T -18-SR -32-EPool Undesignated

County Lea Kind of Lease (State, Fed. or Patented) Federal

If well produces oil or condensate, give location of tanks: Unit * S T R

Authorized Transporter of Oil or Condensate Permian Oil Company (Trucks)

Address Box 4157, Midland, Texas

(Give address to which approved copy of this form is to be sent)

Authorized Transporter of Gas none

Address

(Give address to which approved copy of this form is to be sent)

If Gas is not being sold, give reasons and also explain its present disposition:

Gas being flared - no pipeline connection available.

Reasons for Filing: (Please check proper box) New Well ()

Change in Transporter of (Check One): Oil () Dry Gas () C'head () Condensate ()

Change in Ownership () Other Recompleted 11-24-58 (x)

Remarks: (Give explanation below)

* Well producing into temporary storage facilities.

The undersigned certifies that the Rules and Regulations of the Oil Conservation Commission have been complied with.

Executed this the 26th day of November 19 58

Approved DEC 1 1958 19

OIL CONSERVATION COMMISSION

By [Signature]

Title Oil & Gas Inspector

By Rex C. Cabaniss [Signature]

Title District Exploitation Engineer

Company Shell Oil Company

Address Box 845

Roswell, New Mexico

NEW MEXICO OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO

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

CERTIFICATE OF COMPLIANCE AND AUTHORIZATION
TO TRANSPORT OIL AND NATURAL GAS

Company or Operator Shell Oil Company Lease Querecho Plains Deep Unit

Well No. 2 Unit Letter N S 27 T-18-SR-32-E Pool Wildcat

County Lea Kind of Lease (State, Fed. or Patented) Federal

If well produces oil or condensate, give location of tanks: Unit S

Authorized Transporter of Oil or Condensate Permian Oil Company

Address Box 4157, Midland, Texas

(Give address to which approved copy of this form is to be sent)

Authorized Transporter of Gas none

Address _____

(Give address to which approved copy of this form is to be sent)

If Gas is not being sold, give reasons and also explain its present disposition:

Gas being flared - no transporter available.

(Refer to letter from Shell Oil Company, Roswell, New Mexico to Proration

Manager, N.M.O.C.C., Hobbs, dated August 1, 1958)

Reasons for Filing: (Please check proper box) New Well July 14, 1958 ☒)

Change in Transporter of (Check One): Oil () Dry Gas () C'head () Condensate ()

Change in Ownership () Other ()

Remarks: (Give explanation below)

*Well producing into temporary storage facilities at well site.

The undersigned certifies that the Rules and Regulations of the Oil Conservation Commission have been complied with.

Executed this the 31st day of July 19 58

By Rex C. Cananiss

Approved AUG 14 1958 19 58

Title District Exploitation Engineer

OIL CONSERVATION COMMISSION

Company Shell Oil Company

By John W. Runyan

Address Box #45

Title Geologist

Roswell, New Mexico

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

(Form C-104)
Revised 7/1/57REQUEST FOR (OIL) - ~~(GAS)~~ ALLOWABLE

RECOMPLETION

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

Roswell, New Mexico

November 26, 1958

(Place)

(Date)

WE ARE HEREBY REQUESTING AN ALLOWABLE FOR A WELL KNOWN AS:

Shell Oil Company Querecho Plains Deep Unit 2 SE SW 1/4

(Company or Operator)

(Lease)

T -18-S, R -32-E, NMPM, undesignated Pool

Unit Lower

Lea

Operation Begin

Operation

County, Date 11-17-58 Date Completed 11-24-58

Elevation 2732' Total Depth 14,330' FTD 11,980'

Please indicate location:

R-32-E

D	C	B	A
E	F	G	H
L	K	J	I
M	N	O	P

Top Oil/ Gas Pay 11,922' Name of Prod. Form. Atoka (Pennsylvanian)

PRODUCING INTERVAL -

Perforations 11,922' - 11,935'

Open Hole - Depth 13,004' Depth 11,948'

OIL WELL TEST -

Natural Prod. Test: bbls. oil, bbls. water in hrs. min. Size

Test After Acid or Fracture Treatment (after recovery of volume of oil equal to volume of load oil used): 131 bbls. oil, 1 bbls. water in 24 hrs. min. Size 24/64"

GAS WELL TEST -

660' FSL & 1980' FWL Sec. 27

Natural Prod. Test: MCF/Day; Hours flowed Choke Size

Casing, Cementing and Cementing Record

Size	Feet	Size
13 3/8"	730	750
9 5/8"	4,529	1300
5 1/2"	12,985	750
2"	11,933	

Method of Testing (pitot, back pressure, etc.):

Test After Acid or Fracture Treatment: MCF/Day; Hours flowed

Choke Size Method of Testing:

Acid or Fracture Treatment (Give amounts of materials used, such as acid, water, oil, and sand): 1000 gals. 15% MEC (Mud Cleanout) Acid.

Casing Tubing Date first new November 24, 1958

Press. Press. oil run to tanks

Oil Transporter: Permian Oil Company (Trucks)

Gas Transporter: none

Remarks: Set Bridging Plug @ 11,992' & capped with cement to 11,980'.

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

Approved: DEC 1 1958, 19

Shell Oil Company

(Company or Operator)

By: Rex C. Cabaniss

(Signature)

OIL CONSERVATION COMMISSION

By: Oil & Gas Inspector

Title:

Title: District Exploitation Engineer

Send Communications regarding well to:

Name: Shell Oil Company

Address: Box 845, Roswell, New Mexico

ORIGINAL

Form C-103
(Revised 3-55)

NEW MEXICO OIL CONSERVATION COMMISSION

MISCELLANEOUS REPORTS ON WELLS

(Submit to appropriate District Office as per Commission Rule 1106)

COMPANY Shell Oil Company Box 845 7 63 Roswell, New Mexico
(Address)LEASE Querecho Plains WELL NO. 2 UNIT N S 27 T 18 S R 32 EDATE WORK PERFORMED November 20, 1958 POOL Greenwood AreaThis is a Report of: (Check appropriate block) ☐ Results of Test of Casing Shut-off☐ Beginning Drilling Operations☐ Remedial Work☐ Plugging☒ Other Perforate

Detailed account of work done, nature and quantity of materials used and results obtained.

Perforated 5½" casing 11,922'-11,935' (PGAC GR/N depths) with 4 jet shots per foot using Lane Wells tubing gun.

FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

Original Well Data:

DF Elev. _____ TD _____ FBD _____ Prod. Int. _____ Compl Date _____

Tbng. Dia _____ Tbng Depth _____ Oil String Dia _____ Oil String Depth _____

Perf Interval (s) _____

Open Hole Interval _____ Producing Formation (s) _____

RESULTS OF WORKOVER:

BEFORE

AFTER

Date of Test

Oil Production, bbls. per day

Gas Production, Mcf per day

Water Production, bbls. per day

Gas-Oil Ratio, cu. ft. per bbl.

Gas Well Potential, Mcf per day

Witnessed by _____

(Company)

OIL CONSERVATION COMMISSION

Name [Signature]Title Oil Conservation InspectorDate Nov 25 1958

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

Name R. L. ElkinsPosition Division Mechanical EngineerCompany Shell Oil Company

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

(Form C-104)
Revised 7/1/57

REQUEST FOR (OIL) - (GAS) ALLOWABLE

New Well
Recompletion

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Roswell, New Mexico July 31, 1958
(Place) (Date)

WE ARE HEREBY REQUESTING AN ALLOWABLE FOR A WELL KNOWN AS:

Shell Oil Company (Company or Operator) Quesacho Plains Deep Unit Well No. 2, in SE 1/4 SW 1/4, Sec. 27, T. 18-S, R. 32-E, NMPM, kildoot (undesignated) Pool

County Date Spudded 2-7-58 Date Drilling Completed 7-4-58
Elevation 3735' Total Depth 14,330' FRTD 12,916'

Top of Pay 12,723' Name of Prod. Form. Pennsylvanian (Atoka)

PRODUCING INTERVAL -
Perforations 12,723'-12,735', 12,770'-12,782', 12,826'-12,838'

Open Hole Depth Casing Shoe 13,004' Tubing 12,554'

18 OIL WELL TEST -

8 Natural Prod. Test: bbls. oil, bbls. water in hrs, min. Size

Test After Acid or Fracture Treatment (after recovery of volume of oil equal to volume of load oil used): bbls. oil, bbls. water in hrs, min. Size

GAS WELL TEST -

8 Natural Prod. Test: MCF/Days Hours flowed Choke Size

Method of Testing (pitot, back pressure, etc.):

Test After Acid or Fracture Treatment: 2,250 MCF/Days Hours flowed

Choke Size Method of Testing: Absolute Open Flow

Acid or Fracture Treatment (Give amounts of materials used, such as acid, water, oil, and sand): 1250 gallons 2 1/2 MGA

Casing Tubing Date first new Press. oil run to tanks July 14, 1958

Oil Transporter Permian Oil Company

Gas Transporter none

Remarks:

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

Approved: 19, Shell Oil Company (Company or Operator)

OIL CONSERVATION COMMISSION By: Rex C. Cabanias Original Signed By (Signature) Rex C. Cabanias

Title: District Exploitation Engineer Send Communications regarding well to:

Name: Shell Oil Company

Address: Box 845, Roswell, New Mexico

Form 9-500

LOCATE WELL CORRECTLY

OFFICE OCC

AUG 14 1958

U.S. LAND OFFICE - New Mexico
SERIAL NUMBER 10-064000
LEASE OR PERMIT TO PRODUCE

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

AUG 7
U.S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

LOG OF OIL OR GAS WELL

Company Shell Oil Company Address Box 545, Roswell, New Mexico
Lessor or Tract Acres 1.0 Field Wildcat State New Mexico
Well No. 8 Sec. 27 T. 18N R. 32E Meridian BNM County Lea
Location 660 ft. N of S Line and 1980 ft. E of W Line of Section 27 Elevation 7725

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Signed Ray O. Cabanis Original Signed by Ray O. Cabanis

Date July 24, 1958 Title District Exploitation Engineer

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

Commenced drilling February 7, 1958. Finished drilling July 4, 1958.

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 12,723 to 12,735.0 No. 4, from to
No. 2, from 12,770 to 12,782.0 No. 5, from to
No. 3, from 12,826 to 12,838.0 No. 6, from to

IMPORTANT WATER SANDS

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

CASING RECORD

Casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From	To	
3-3/8"	40.0	8	J & L	790'					Surface string
2-1/2"	28.0	8	Ray O. Cabanis	4,529'	Make				Salt string
5-1/2"	27.0	8	J & L	12,985'	Make		12,723'	12,735'	Oil string
			National				12,770'	12,782'	
			Japan				12,826'	12,838'	

MUDDING AND CEMENTING RECORD

Casing	Where used	Number sacks of cement	Method used	Mud gravity	Amount of mud used
3-3/8"	4.750	750	Pump & Plug	Cemented to surface	
2-1/2"	4.750	1500	Pump & Plug	Cemented to surface	
5-1/2"	12.000	750	Pump & Plug		

PLUGS AND ADAPTERS

IMPORTANT WATER SANDS

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

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From -	To -	
17 3/8	122	8	J & L	730					Surface String
17 3/8	122	8	J & L	730					Oil String
17 3/8	122	8	J & L	730					Oil String
17 3/8	122	8	J & L	730					Oil String
17 3/8	122	8	J & L	730					Oil String
17 3/8	122	8	J & L	730					Oil String
17 3/8	122	8	J & L	730					Oil String
17 3/8	122	8	J & L	730					Oil String
17 3/8	122	8	J & L	730					Oil String
17 3/8	122	8	J & L	730					Oil String

MUDDING AND CEMENTING RECORD

Size casing	Weight per foot	Number sacks of cement	Method used	Mud gravity	Amount of mud used
17 3/8	122	730	Pump & Plug	Cemented to surface	
17 3/8	122	730	Pump & Plug	Cemented to surface	
17 3/8	122	730	Pump & Plug	Cemented to surface	

PLUGS AND ADAPTERS

Heaving plug—Material Length Depth set
 Adapter—Material Size

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

TOOLS USED

Rotary tools were used from feet to feet, and from feet to feet
 Cable tools were used from feet to feet, and from feet to feet

DATES

Put to producing July 14, 1950
 The production for the first 24 hours was barrels of fluid of which % was oil; %
 solution; % water; and % sediment. Gravity, °Bé 52.7 deg. API
 Gas well, cu. ft. per 24 hours 2250000 Gallons gasoline per 1,000 cu. ft. of gas
 Rock pressure, lbs. per sq. in. 3975 (from DGT) * Absolute open-flow.

EMPLOYEES

J. V. ... Driller E. D. Clinton Driller
 A. E. ... Driller T. E. Gray Driller
 Tool Pusher

FORMATION RECORD

From	To	TOTAL FEET	FORMATION
0	74	74	Caliche
74	775	701	Red Beds
775	1,308	533	Anhydrite, Dolomite, Red Beds
1,308	2,152	1044	Anhydrite, Salt
2,152	2,661	309	Anhydrite, Dolomite
2,661	2,907	246	Anhydrite, Shale
2,907	3,144	237	Anhydrite
3,144	3,609	465	Anhydrite, Dolomite
3,609	4,380	1172	Dolomite
4,380	5,360	559	Dolomite, Sand
5,360	5,968	362	Dolomite
5,968	6,480	1156	Dolomite, Sand
6,480	7,141	283	Dolomite, Sand, Chert
7,141	7,382	235	Dolomite
7,382	7,533	129	Dolomite, Limestone
7,533	7,734	311	Limestone
7,734	8,137	297	Limestone, Chert
8,137	8,292	155	Limestone, Chert, Dolomite
8,292	8,383	92	Dolomite, Chert
8,383	8,590	215	Dolomite, Chert, Limestone, Shale
8,590	8,621	23	Sand
8,621	8,705	84	Sand, Limestone, Dolomite
8,705	8,768	63	Limestone, Dolomite, Shale
8,768	8,831	363	Limestone, Shale
8,831	8,882	111	Dolomite, Chert, Shale

ILLEGIBLE

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION
9,223	9,223	81	Dolomite, Shale, Limestone
9,458	9,458	135	Sand, Limestone, Chert
9,576	9,576	118	Limestone, Sand, Shale
9,890	9,890	314	Dolomite, Limestone
9,938	9,938	43	Limestone
10,809	10,809	271	Sand, Limestone, Dolomite
10,332	10,332	123	Sand, Limestone, Shale
10,442	10,442	110	Sand, Limestone, Shale, Chert
10,496	10,496	34	Limestone, Chert
10,608	10,608	112	Chert, Shale, Limestone
11,633	11,633	1025	Limestone, Shale
11,851	11,851	218	Limestone, Chert, Shale
11,907	11,907	56	Limestone, Chert
11,968	11,968	61	Limestone, Sand, Chert
12,027	12,027	39	Limestone, Shale, Chert
12,118	12,118	91	Limestone
12,321	12,321	203	Limestone, Shale
12,409	12,409	88	Shale, Limestone, Chert
12,789	12,789	380	Limestone, Shale
13,068	13,068	279	Limestone, Shale, Sand
13,119	13,119	51	Limestone, Shale
13,213	13,213	94	Limestone, Chert, Shale
13,334	13,334	121	Limestone, Shale
13,413	13,413	79	Limestone, Sand, Shale
13,517	13,517	104	Limestone, Chert
13,662	13,662	143	Limestone, Shale, Chert
13,754	13,754	92	Limestone, Shale
13,794	13,794	40	Limestone, Shale, Chert
13,831	13,831	37	Limestone, Chert
13,935	13,935	124	Limestone
14,132	14,132	177	Shale, Limestone
14,266	14,266	134	Limestone
14,330	14,330	64	Dolomite, Limestone

ILLEGIBLE

10-28-58

P. O. Box 845
Roswell, New Mexico

October 28, 1958

Subject: Atoka Testing Program
Shell Querecho Plains
Deep Unit No. 2
Greenwood Area
Lea County, New Mexico

*For idea is much better
They are learning
considerable things
in the ground
TH*

Mr. R. F. Montgomery, Proration Manager
New Mexico Oil Conservation Commission
P. O. Box 2045
Hobbs, New Mexico

Gentlemen:

Further to our memorandum of like subject dated August 1, 1958, and your reply dated August 5, 1958, we wish to advise that the Atoka gas zone in Well No. 2 was production tested for a period of twenty-two days commencing August 14, 1958. During this period the productive capacity declined from an initial 2400 MCF per day to 650 MCF per day with a commensurate decline in flowing tubing pressure from 850 to 200 psig. The accompanying tabulation presents a detailed summary of accrued production and pressure data.

Analyses of the accumulated test data indicate the Atoka gas zone in this well to be of non-commercial significance and further testing is not warranted. We are currently proceeding with plans to permanently abandon the subject zone and evaluate shallower completion possibilities.

Very truly yours,

Original Signed by
P. A. Dennie

P. A. Dennie
Division Production Manager

Attachments

cc: The Texas Company
P. O. Box 1720
Fort Worth, Texas
w/Attachments

Greenwood Area
Snell Querecho Plains Deep Unit No. 2
Pressure and Production Data
Atoka Gas Zone

Date	Operation	Gas Production		Cumulative		Flowing Tubing Pressure (psig)	Reservoir Pressure at 9045 ft. subsea			Remarks
		McF	Gas McF	Gas McF	Pressure (psig)		Average Flowing	Shut-In psig	Shut-In hours	
6-1-58	IST	403	403					5975	Original	
6-1-58	DST	530	1033					5430	1.25	
6-5-58	IST	3939	4972					5230	1.50	
7-15/29-58	OFT Test		4972							
8-14-58	DHP Survey			4972				5122	333	Calc. CP = 2.25 mD-ft/day
8-14-58	Start of special test to aid in evaluation of reservoir volume.									
8-14-58	Testing	2399	7371		850					
8-15-58	Testing	2143	9514		750					
8-16-58	Testing	1876	11,390		700					
8-17-58	Testing	1493	12,883		660					
8-18-58	Testing	1203	14,166		650					
8-19-58	Testing	1436	15,602		470					
8-20-58	Testing	1325	16,927		450					
8-21-58	Testing	1218	18,145		400					
8-22-58	Testing	1143	19,288		410					
8-23-58	Testing	1065	20,353		370					
8-24-58	Testing	998	21,351		370					
8-25-58	Testing	736	22,087		350					
8-26-58	Testing	897	22,984		350					
8-27-58	Testing	849	23,833		330					
8-28-58	Testing	799	24,632		320					
8-29-58	Testing	765	25,417		285					
8-30-58	Testing	797	26,214		225					
8-31-58	Testing	754	26,968		210					
9-1-58	Testing	718	27,686		200					
9-2-58	Testing	677	28,363		200					
9-3-58	Testing	642	29,025		180					
9-4-58	Testing	641	29,672		200					
9-18-58	DHP Survey		29,672					2538	340	Gas produced during test=24,770

Reduced Sep. Press: 580 to 22 psig.

Reduced Sep Press: 280 to 190 psig.
Reduced Sep Press: 190 to 105 psig.

ATTACHMENT FOR FEDERAL FORM 9-330

SHELL OIL COMPANY
 QUERREND PLAINS DEEP UNIT # 2
 SE 1/4 SW 1/4, Sec. 27-18N-32E
 LEA COUNTY, NEW MEXICO

Spudded @ 7:00, PM, MST, 2-7-58 w/17" bit. Reduced hole to 12 1/4" @ 475' - 700' to run ES. Mixed salt mud, conditioned hole, ran ES. Reamed to 17" and drilled to 755'. Cemented 13 3/8" casing @ 753' w/750 ex. regular cement. WOO. Tested casing, OK. Drilled out and tested formation, OK. Drilled ahead w/12 1/4" bit. DST # 1: 3385' - 3586' (201' Seven Rivers). Tool open 3 hours 15 minutes thru 5/8" BC, 1/4" TC, & 1/2" DS. OTS in 25 minutes. Gas flow est. 20 MCF/D. Recovered 90' all OOM, 90' HOCOM, 90' HOCV all OOM, & 90' VHOAV all OOM. 45 minutes ISIP 565 psi. FBHP 120 - 130 psi. 2 hour FSIP 1125 psi. HNH 2115 psi. Conclusive Test. Ran logs and cemented 9 5/8" casing @ 4548' w/1300 ex. (1100 ex. Incon w/40% Diacel D & 2% CaCl₂ + 200 ex. 4 1/2" Gel regular). WOO. Tested BHP and casing, OK. Drilled out and tested formation, OK. Drilled ahead w/8 3/4" bit. DST # 2: 6220' - 6331' (111' Delaware Mountain). Tool open 3 hours thru 5/8" BC, 1/2" TC, & 1/2" DS. OTS 36 minutes. Est. gas flow @ 20 MCF/D. Recovered 990' all MCO & 30' all WCO. Water titrated 35,000 ppmCl⁻, pit mud titrated 2200 ppmCl⁻. 2 hour 45 minutes ISIP 2595 psi. FBHP 125 - 405 psi. 2 hour 45 minutes FSIP 1980 psi. HNH 2775 psi. Conclusive Test. DST # 3: 6339' - 6409'. No packer seat, unsuccessful. Ran logs @ 6982'. DST # 3: 8530' - 8598' (68' Bone Spring). Tool open 3 hours thru 5/8" BC, 5/8" TC, & 1/2" DS. OTS 1 hour 40 minutes. Est. gas flow 20 MCF/D. Recovered 150' V all MCO, 330' HOCOM, 120' all OAHOCOM, 90' all MC salt water. 50 minutes ISIP 3470 psi. FBHP 100 - 245 psi. 105 minutes FSIP 3350 psi. HNH 3875 - 3800 psi. Conclusive Test. DST # 4: 11,720' - 11,902' (182' Des Moines). Tool open 52 minutes thru 5/8" BC, & 1/2" DS. Blow died immediately. Bypassed packer twice and blow died each time. Recovered 95' mud w/traces gas cutting. 40 minutes ISIP 219 psi. FBHP 205 - 249 psi. 45 minutes FSIP 249 psi. HNH 6412 psi. Conclusive Test. DST # 5: 11,912' - 12,095' (183' Atoka). Tool open 4 hours 30 minutes thru 5/8" BC, 1" TC, & 1/2" DS. OTS 10 minutes. Gas flow est. 440 MCF/D. Recovered 1020' oil, 180' all MCO, 285' OAHOCOM, 45' V all MC salt water. 25 minutes ISIP 5823 psi. FBHP 221 - 622 psi. 45 minutes FSIP 5544 psi. HNH 6283 - 6323 psi. Conclusive Test. DST # 6: 12,689' - 12,913' (224' Atoka). Tool open 4 hours thru 5/8" BC, 1" TC, & 1/2" DS. OTS 6 minutes. MTS 33 minutes. Gas flowed @ 4.2 MMCF/D w/condensate @ 8 bbl./hr. Recovered 12 bbls. condensate in tank plus 280' condensate, 90' BOAWOM. 30 minutes ISIP 5957 psi. FBHP 2145 - 3338 psi. 1 hour 15 minutes FSIP 5417 psi. HNH 6929 - 6930 psi. Conclusive Test. Ran logs @ 13,068' after conditioning tight hole @ 12,290'. DST # 7: 12,700' - 12,849' (149' Atoka straddle test). Tool open 4 hours 5 minutes thru 5/8" BC, 1" TC, & 1/2" DS. OTS 6 minutes. Gas flowed @ 4.6 MMCF/D w/condensate @ 8 bbl./hr. Recovered 25 bbls. condensate in tank plus 270' condensate, 180' HOCMCV, & 330' all OAHOCV which titrated 1200 ppmCl⁻ (pit mud titrated 700 ppmCl⁻). 45 minutes ISIP 5770 psi. FBHP 1235 - 2445 psi. 90 minutes FSIP 5280 psi. HNH 6935 - 6896 psi. Conclusive Test. DST # 8: 13,513' - 13,794' (281' Mississippian). Tool open 4 hours thru 5/8" BC, & 1/2" DS. OTS 57 minutes. Gas flow TSTM. Recovered 45' V all OOM. 42 minutes ISIP 270 psi. FBHP 200 - 200 psi. 65 minutes FSIP 210 psi. HNH 6790 psi. Conclusive Test. DST # 9: 14,084' - 14,230' (146' Devonian). Tool open 43 minutes thru 5/8" BC, 1" TC, & 1/2" DS. No OTS. Air blow died in 38 minutes. Bypassed packer & blow died in 5 minutes. Recovered 180' mud. 50 minutes ISIP 5309 psi. FBHP 188 - 225 psi. 45 minutes FSIP 5170 psi. HNH 7265 - 7306 psi. Conclusive Test. DST # 10: 14,230' - 14,330' (100' Devonian). Tool open 1 hour 25 minutes thru 5/8" BC, 1" TC, & 1/2" DS. Flow died after 1 hour 25 minutes. No OTS. Recovered 13,600' salty sulphur water. ISIP missed. FBHP 3378 - 6083 psi. 30 minutes FSIP 6083 psi. HNH 7150 psi. Conclusive Test. Ran logs @ 14,330'. Spotted cement plugs @ 13,980' - 14,330' & 13,014' - 13,200'. Cemented 5 1/2" casing @ 13,004' w/750 ex. Slo-set cement. Left 80.5' cement in casing. Temperature survey showed top of cement @ 10,935'. Released rig @ 7:00, AM, MST, 7-5-58. RUPU. Run 2" tubing to FBTD 12,908' &

ATTACHMENT (PAGE # 2) SHELL-QUERRECHD PLAINS DEEP UNIT # 2, SE/4 SW/4, Sec. 27-18S-32E.

tested casing, OK. Displaced water w/oil. Spotted 250 gallons MCA & hung tubing @ 12,554' w/packer @ 12,554' & Garrett slide valve @ 12,541'. Tested annulus, tubing & casing below, OK. Ran GR/OCL & perforated 12,723' - 12,735', 12,770' - 12,782', & 12,826' - 12,838' w/4 jet shots per foot using tubing gun. Swabbed 50 BF in 6 hours & well kicked off. Shut well in. 9 1/2 hours SITP 2475 psi. Opened well and tested with 32/64" choke. In 23 hours flowed 48 BF, out 17 1/2 water, gas @ 1.3 MMCF/D. Treated w/1000 gallons MCA. 2 hours SITP 0 psi. Swabbed 33 BF in 3 1/2 hours & well kicked off. Tested on 32/64", 24/64" & 12/64" chokes. Shut in for BHP test.

Tested 2.250 MMCF/D calculated absolute open-flow.

LOG TOPS:

Yates	2,753'	(+982')
Seven Rivers	3280'	(+455')
Queen	3,891'	(-156')
Grayburg	4,392'	(-657')
San Andres	4,870'	(-1135')
Delaware Mountain	5,470'	(-1735')
Bone Spring	7,060'	(-3325')
Wolfcamp Lime	10,323'	(-6588')
Mississippian	13,372'	(-9637')
Lower Mississippian BlackShale	13,950'	(-10,215')
Devonian	14,078'	(-10,343')

Form 100-1
(1-15-1951)



OFFICE COO

IN 1:41

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Budget Bureau No. 42-R-228.1
Approval expires 12-31-52.

Land Office New Mexico

Lease No. 10019002-1

Unit Jacobs Plains Deep

JAN 2 0 1958

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	☒	SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF		SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL		SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL			

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

January 29, 1958

Jacobs Plains Deep Unit
Well No. 2 is located 660 ft. from S line and 1900 ft. from W line of sec. 27
27 sec. 27 T-10-N R-11-E W-10-E
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Alameda San Gabriel New Mexico
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 5730 ft. est.

DETAILS OF WORK

(Give names of and expected depths to objective sands; show class, weights, and lengths of proposed casings; indicate mudlogging jobs, cementing points, and all other important proposed work)

OBJECTIVE FORMATION: Siluro-Devonian
CUTTINGS DEPTH: 13,700'
CUTTINGS PROGRAM: 13 3/8", 20' x 750' w/550 oz. (Circ. to surface)
9 5/8", 12' x 4550' w/1150 oz.
Oil string contingent upon results of tests.

RECEIVED
JAN 28 1958

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

Company Shell Oil Company

Address Box 645

Roswell, New Mexico

Original Signed By
Rex C. Cabaniss

By Rex C. Cabaniss

Title District Exploitation Engineer

NEW MEXICO OIL CONSERVATION COMMISSION
Well Location and Acreage Dedication Plat

Section A.

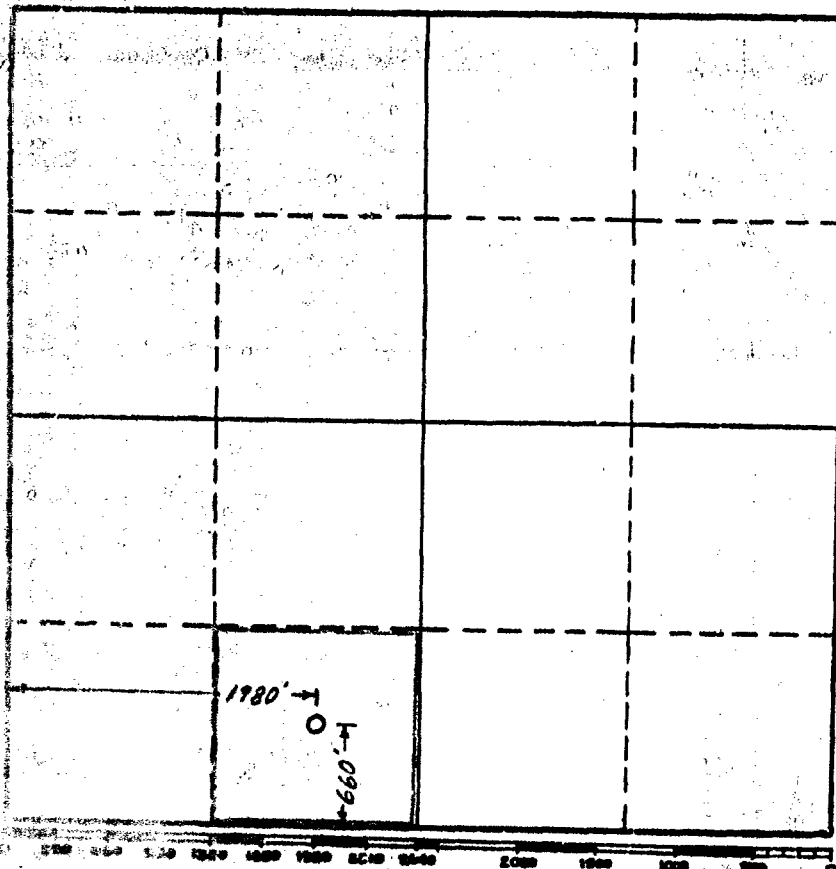
Date January 21, 1958

Operator Shell Oil Company Lease Guadalupe Plains Pool Unit
Well No. 2 Unit Letter 1 Section 27 Township 35-N Range 24-E N1/4 PM
Located 400 Feet From South Line, 1000 Feet From West Line
County Lea G. L. Elevation not available Dedicated Acreage 40 Acres
Name of Producing Formation Silence Formation Pool Wildcat

1. Is the Operator the only owner* in the dedicated acreage outlined on the plat below?
Yes no No no
2. If the answer to question one is "no," have the interests of all the owners been consolidated by communitization agreement or otherwise? Yes no No no. If answer is "yes," Type of Consolidation no
3. If the answer to question two is "no," list all the owners and their respective interests below:

Owner	Land Description

Section B



This is to certify that the information in Section A above is true and complete to the best of my knowledge and belief.

Shell Oil Company
(Operator) Original Signed By
Rex C. Cabaniss
(Representative)

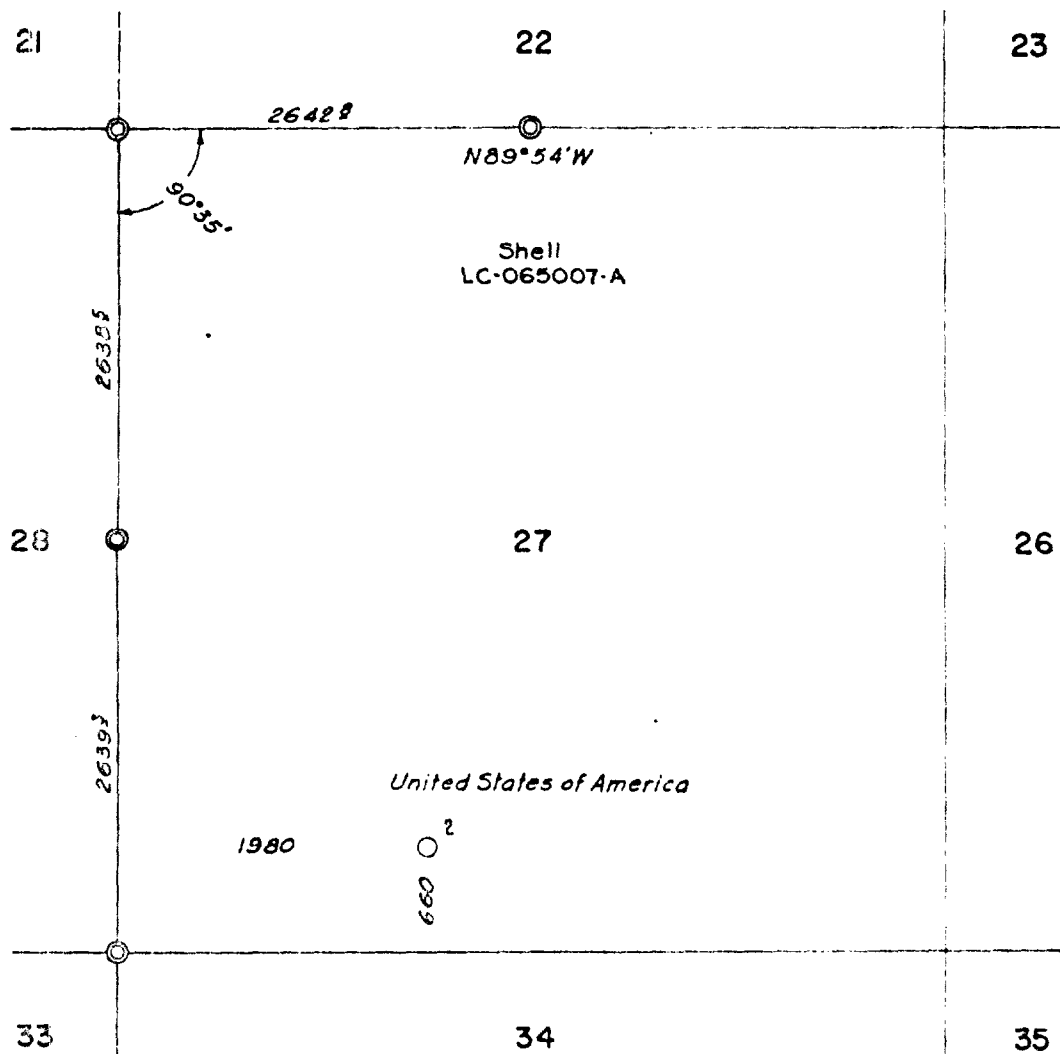
Box 245, Roswell, New Mexico
Address

This is to certify that the well location shown on the plat in Section B was plotted from field notes of actual surveys made by me or under my supervision and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed 1-21-58

Walter Shipard
Registered Professional
Engineer and/or Land Surveyor.

(See instructions for completing this form on the reverse side) Certificate No. 1469



I, L. H. Moncrief, certify that this survey was made by me on the ground and that this plat is true and correct. January 21, 1958.

L. H. Moncrief
Registered Public Surveyor
(Texas)

SHELL OIL COMPANY
LOCATION PLAT
QUEREO PLAINS DEEP UNIT NO. 2
SEC. 27, T-18-S, R-32-E
LEA COUNTY, NEW MEXICO
SCALE: 1" = 1000 FEET

© U.S. GEN. LAND OFF. COR.

COUNTY	FEA	FIELD	Querecho Plains	STATE	NY	CWID
OPR	SHEN, DILL CO.					
	2 Querecho Plains, N.Y.				MAP	
	S. 27, T-18-S, R-37-E					
	600' EBL, 1965' NW. of S.				COORD	

CLASS				DWG# EL 3735			
FORMATION				DATUM			
CSG & BX - TUBING							
17 3/8"	753'	750					
9 5/8"	4548'	1300					
5 1/2"	13004'	750					
LOGS EL GR RA IND MC A							
TEMPORARILY ABANDONED				BD 14310', PED 6400'			

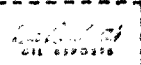
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CONT	PROP	DEPTH	TYPE
DATE			W

F.R.C. 54-67, DMWD
(0112, Cmp 2-14, 11 from Penn. Paris 11723-12535',
010 14230'; Re-Conn 11-24-68 from Penn. Paris
11902-935', 010 14310', 015 11980'; Re-Cmp:
-117459 from Penn. Springs Paris 5538-8560',
010 14380', 01P 9400',
01D 14000', F.R.C. 54-67, DMWD, PARLEY ABANDONED
Set 1155' @ 6-02' w/1 1/2" cm' on top
Paris (Delaware) @ 6170', 6250', 6270', 6290',
6377' w/1 SPI
Injected 2000 gals lead oil containing 100#
Addinite Mark II + 1# sl. per gal
Impd to FW, no oil, in 2 hrs (6354-6377)

7-22-67

ILLEGIBLE

LEA COUNTY	NEW MEXICO	WILDCAT
Well: SHELL OIL CO. #2 Querecho Plains Unit		Result: "OWPB" NEW OIL
Loc'n: Sec 27-18S-32E, 660' FSL 1980' FWL Sec (Orig Comp. as Atoka gas discovery)		<u>DISCOVERY</u>
<u>Re-Spud: 3-30-60; Comp 4-13-60; Elev: Not available; TD: 14,300'; PB 8657'</u> <u>Casing: No new casing record</u> <u>Prod Zone: (Dome Spring) T/Pay 8538', Prod thru perfs 8538-60</u> <u>IPF: 193 EOPD + 12 BWPD thru 20/64" ch, Grav 39.4, GOR 780-1, TP 280#, CP pkr</u> <u>Comp lft: Frac w/10,000 gals</u> <u>Tops: Not reported</u>		
(Re-issued to show correct Sec, township and range from 27-18S032E)		
 Date: 4-19-60 Card No.: 21 NM 1jb		

LEA COUNTY

NEW MEXICO

WILDCAT

Well: SHELL OIL CO. #2 Querecho Plains Unit

Result: NEW GAS

Loc'n:

DISC

27-18S-32E; 660' FSL 1980' FWL of Sec.

Spud: 2-7-58; Comp: 7-25-58; Elev: 3735'; TD: 12,330';
PB: 12,916'

Casing: 13 3/8" 753', 5 1/2" 13,004'

Prod Zone: (Atoka) T/Pay 12,723'; Prod thru perf: 12,723-838'

IPR: 2,250,000 CFGPD,

Comp. Info: DST 11,720-802' (Penn-Des Moines) op 52 min, rec
95' mud, FP 1854, SIP 2104/45 min; DST 11,912-12,095', op
4 1/2 hrs, rec 1020' oil, 180' sli MCO, 285' O&GCM & 45' very
sli MCSW, FP 210-6154, SIP 55454/45 min; DST 12,689-913'
(Atoka) op 4 hrs, gas 6 min, rate 3,064,000 CFGPD, inor
to 4,238,000 CFGPD at end of test; Flwd condensate at rate
8 BPH, rec 280' condensate & 90' condensate & WCM below
the sub, FP 1570-33404, SIP 54304/75 min; DST 12,700-849'
(Straddle pkr) (Atoka) op 4 hrs 5 min, gas surf in six
min, Flwd pits 39min, Flwd rate 8 BOPH, Grav 47, rec in
tanks 25 BD, in tanks, rec 370' cond + 3 bbls sli O&GW.

(continued on card 16-A)

Oil Reports

Date: 10-22-58

Card No.: 16 NM po

43

8 BPH, rec 280' condensate & 90' condensate & WCM below
the sub, FP 1570-3340%, SIP 5430%/75 min; DST 12,700-849'
(Saddle pkr) (Atoka) op 4 hrs 5 min, gas surf in six
min, Flwd pits 30 min, Flwd rate 8 BOPH, Grav 47, rec in
tanks 25 BD, in tanks, rec 370' cond + 3 bbls sli O&GCW,

(continued on card 16-A)

Date: 10-22-58

Card No.: 16 NM po

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LEA COUNTY

NEW MEXICO

WILDCAT

Well: SHELL OIL CO. #2 Querecho Plains Unit
Loc'n:

Result: NEW GAS
DISC

REMARKS CONTINUED:

FP 1305-2340%, SIP 5280%/90 min; DST 13,513-793' (Miss)
op 4 hrs 26 min, gas 57 min, rec 45' GCM, 7P 190-200%,
SIP 260%/1 hr; DST 14,084-230' (Dev) op 43 min, rec 180'
mid, NS, FP 205-220%, SIP 5195%/45 min; DST 14,230-330'
(Dev) op 1 hr, 25 min, rec 13,600' salty sul wtr, Perf
12,723-735', 12,770-782' & 12,826-838', Swd 50 BF/8 hrs;
Flwd 48 BF/23 hrs, 1/2" ch, 17% wtr, remainder oil, gas vol
1,300,000 CFGPD, 4/1000 gals; K/O & Flwd 48 BF/12 hrs,
25% wtr, gas vol 2,070,000 CFGPD, Flwd: rate 2,200,000
CFGPD + 4 BPPH, 10% wtr & 90% dist thru 32/64" ch, TP 650%,
Flwd 2,000,000 CFGPD + 3 BPPH, 10% wtr & 90% dist; Flwd
rate 1,075,000 CFGPD + 1 BPPH; 10% wtr, 90% dist thru 12/
64" ch, TP 2050%, C/Great Western.
Tops: (EL) Yates 2753', J Rivers 3280', Queen 3891', Grayb
4392', Wolfe 10,323', Penn 11,140', Des Moines 11,640',
Atoka 11,840', Miss 13,372', Dev 14,078'.

Date: 10-22-58

Card No.: 16-A NM po

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