

SIDEWALL NEUTRON POROSITY LOG

SCHLUMBERGER WELL SURVEYING CORPORATION
Houston, Texas

COUNTY CHAVES
FIELD or
LOCATION CHAYEROO
WELL STATE 5-2 # 1
COMPANY CHAMPLIN PETROLEUM
& WARREN AMERICAN OIL CO

COMPANY CHAMPLIN PETROLEUM COMPANY &

WARREN AMERICAN OIL COMPANY

WELL STATE 5-A # 1

FIELD CHAYEROO

COUNTY CHAVES STATE NEW MEXICO

Location: 660' FROM N/L
1980' FROM W/L

Other Services:

Sec. 5 Twp. 8S Rge. 33E

Permanent Datum: BHF; Elev.: 4453
Log Measured From KB, 11 Ft. Above Perm. Datum
Drilling Measured From KB

Elev.: K.B. 4453
D.F. 4452
G.L. 4441

Date	3-29-66	
Run No.	ONE	
Type Log	SNP-GR	
Depth—Driller	4430	
Depth—Logger	4428	
Bottom logged interval	4427	
Top logged interval	0	
Type fluid in hole	SALT GEL & STARCH	
Salinity, PPM Cl.	SATURATED	
Density	11.5	
Level	FULL	
Max rec. temp., deg F.	103	
Operating rig time	2 1/2 HOURS	
Recorded by	TARRALL	
Witnessed by	MR. DUNLAP & MR. CLARK	

TYPE GLO

[illegible]

DEC 3 1984

CPY: LMN
12-12-84

APPLICATION FOR AUTHORIZATION TO INJECT

PRODUCTION SERVICES

DEPARTMENT

- I. Purpose: ☒ Secondary Recovery ☐ Pressure Maintenance ☐ Disposal ☐ Storage
Application qualifies for administrative approval? ☐ yes ☐ no

II. Operator: Champlin Petroleum Co.Address: P. O. Box 7946, Midland, TX 79703Contact party: D. W. Tally, Jr.Phone: 915 697-4004

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

- IV. Is this an expansion of an existing project? ☐ yes ☒ no
If yes, give the Division order number authorizing the project _____

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

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

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

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

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

✓ IX. Describe the proposed stimulation program, if any.

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

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

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

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

XIV. Certification

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

Name: Donald W. Tally, Jr.

Title Senior Engineer

Signature: Donald W. Tally, Jr.

Date: November 28, 1984

- * If the information required under Sections VI, VIII, X, and XI above has been previously submitted, it need not be duplicated and resubmitted. Please show the date and circumstance of the earlier submittal. Data submitted 11-7-84 w/outdated Form C-108

No known fresh water wells within 1 mile.

DISTRIBUTION: Original and one copy to Santa Fe with one copy to the appropriate Division

III. WELL DATA

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

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

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

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

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

XIV. PROOF OF NOTICE

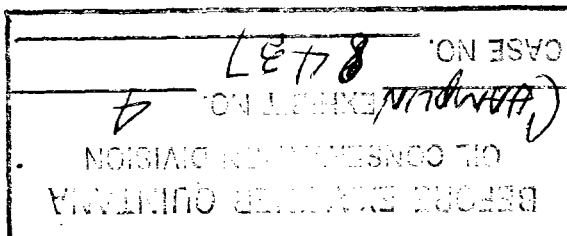
All applicants must furnish proof that a copy of the application has been furnished, by certified or registered mail, to the owner of the surface of the land on which the well is to be located and to each leasehold operator within one-half mile of the well location.

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

- (1) The name, address, phone number, and contact party for the applicant;
- (2) the intended purpose of the injection well; with the exact location of single wells or the section, township, and range location of multiple wells;
- (3) the formation name and depth with expected maximum injection rates and pressures; and
- (4) a notation that interested parties must file objections or requests for hearing with the Oil Conservation Division, P. O. Box 2088, Santa Fe, New Mexico 87501 within 15 days.

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

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

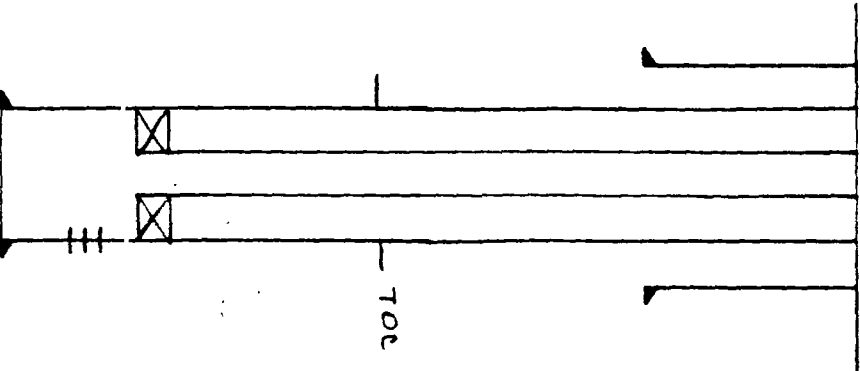


INJECTION WELL DATA SHEET

SIDE 1

OPERATOR		LEASE	
CHAMPLIN PETROLEUM COMPANY		STATE 5 "A"	
WELL NO.	FOOTAGE LOCATION	SECTION	TOWNSHIP
1	660' FNL & 1980' FNL	5	8-S
			RANGE
			33-E

Schematic



Tabular Data

Surface Casing
 Size 8-5/8" Cemented with 250 gx.
 TOC Surface feet determined by Circulation
 Hole size 12 1/4" to 374.5'

Intermediate Casing
 Size " Cemented with gx.
 TOC feet determined by
 Hole size

Long string
 Size 4 1/2" Cemented with 325 gx.
 TOC 3003 feet determined by Calculation w/30% washout.
 Hole size 7-7/8"
 Total depth 4430' ✓

Injection Interval

4216 feet to 4398 feet
 (perforated or open, indicate which)

INJECTION WELL DATA SHEET -- SIDE 2

Tubing size 2-3/8" Fiberglass lined with _____

(material) _____ set in a

Baker Lok-Set Tension (or equivalent)

packer at 4150' feet

(brand and model)

(or describe any other casing-tubing seal).

Other Data

1. Name of the injection formation San Andres

2. Name of Field or Pool (if applicable) Chaveroo (San Andres)

3. Is this a new well drilled for injection? ☐ Yes ☒ No

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

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used) No

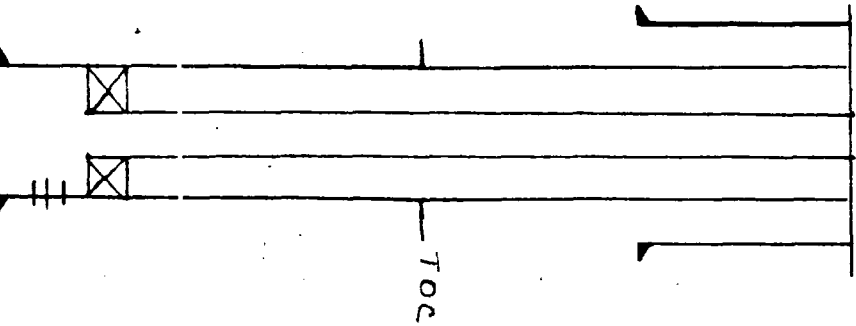
5. Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area. Tobac (Penn) underlies 2 miles to south.

INJECTION WELL DATA SHEET

SIDE 1

OPERATOR		LEASE	
Champion Petroleum Company		State 5-8-33	
WELL NO.	FOOTAGE LOCATION	SECTION	TOWNSHIP
5	1980' FN&EL	5	8-S
			RANGE
			33-E

Schematic



Tabular Data

Surface Casing

Size 8-5/8 " Cemented with 600 gx.
 TOC Surface feet determined by Circulation
 Hole size 12 1/4" to 1150', 11" to 1940'

Intermediate Casing

Size " Cemented with gx.
 TOC feet determined by
 Hole size

Long string

Size 4 1/2 " Cemented with 250 gx.
 TOC 3427 feet determined by Calculation w/30% washout
 Hole size 7-7/8 "
 Total depth 4525'

Injection Interval

4223 feet to 4401 feet
 (perforated xxxxxxxxxxxx indicate which)

INJECTION WELL DATA SHEET -- SIDE 2

Tubing size 2-3/8" Fiberglass lined with ----- (material) set in a

Baker Lok Set Tension (or equivalent) packer at 4170 feet

(brand and model)

(or describe any other casing-tubing seal).

Other Data

1. Name of the injection formation San Andres

2. Name of Field or Pool (if applicable) Chaveroo (San Andre)

3. Is this a new well drilled for injection? ☐ Yes ☒ No

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

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used) No

5. Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area. Tobac (Penn) Pool underlies 1 1/2 miles to south



A Subsidiary of
Union Pacific Corporation

November 7, 1984

New Mexico Oil Conservation Commission
State Capitol
Santa Fe, New Mexico 87501

HOUSTON REGION

Re: Proposed Waterflood Project
State 5-8-33 and State 5A Leases
Chaveroo (San Andres) Pool
Chaves and Roosevelt Counties, New Mexico

NOV 13 1984

PRODUCTION SERVICES
DEPARTMENT

Gentlemen:

Champlin Petroleum Company requests authority to establish a waterflood project on the State 5-8-33 and State 5A Leases located within the Chaveroo (San Andres) Pool, Chaves and Roosevelt Counties, New Mexico. Attached are the following for both wells which will be included in the proposed project:

1. Form C-108
2. Plat of area showing wells and leases within a 0.5 and a 2.0 mile radius.
3. Wellbore Schematic Diagram
4. Copy of the E-Log of the well.
5. Copies of waiver letters sent to offset operators and the surface owners.

Additionally, Champlin knows of no wells completed in any pool other than the Chaveroo (San Andres) within the two mile radius with the exception of the Phillips Petroleum Davis Wells No. 4-N and 5-N located in Sections 18 and 7 respectively of T-8-S and R-33-E in Chaves County which are completed in the Tobac (Penn) Pool.

It is our understanding of Rule 701A and B that this application will require a hearing be held. Champlin respectfully requests that this application be scheduled for hearing under the provisions of Rule 701.

Yours very truly,

CHAMPLIN PETROLEUM COMPANY

D. W. Tally, Jr.

Senior Engineer

Attachments

cc: W. B. Johnston

J. R. Carter

Champlin Petroleum Company
P.O. Box 7946
Midland, Texas 79708-0946
515/697-4004

NEW MEXICO OIL CONSERVATION COMMISSION

APPLICATION TO DISPOSE OF SALT WATER BY INJECTION INTO A POROUS FORMATION

OPERATOR Champlin Petroleum Company		ADDRESS P. O. Box 7946, Midland, TX 79708	
LEASE NAME State 5-8-33	WELL NO. 5	FIELD Chaveroo (San Andres)	COUNTY Chaves
LOCATION UNIT LETTER G ; WELL IS LOCATED 1980 FEET FROM THE North LINE AND 1980 FEET FROM THE East LINE, SECT ON 5 TOWNSHIP 8-S RANGE 33-E NMPM.			

CASING AND TUBING DATA					
NAME OF STRING	SIZE	SETTING DEPTH	SACKS CEMENT	TOP OF CEMENT	TOP DETERMINED BY
SURFACE CASING	8-5/8	1940	850	Surface	Circulation
INTERMEDIATE					
LONG STRING	4-1/2	4525	250	3427	70% Vol. Calc.
TUBING	2-3/8	4170	NAME, MODEL AND DEPTH OF TUBING PACKER Baker Lok-Set Tension Packer @ 4170'		
NAME OF PROPOSED INJECTION FORMATION San Andres			TOP OF FORMATION 3591'		BOTTOM OF FORMATION 4489 PBTD
IS INJECTION THROUGH TUBING, CASING, OR ANNULUS? Tubing		PERFORATIONS OR OPEN HOLE? Perforations		PROPOSED INTERVAL(S) OF INJECTION 4223-4401	
IS THIS A NEW WELL DRILLED FOR DISPOSAL? No		IF ANSWER IS NO, FOR WHAT PURPOSE WAS WELL ORIGINALLY DRILLED? Oil Production		HAS WELL EVER BEEN PERFORATED IN ANY ZONE OTHER THAN THE PROPOSED INJECTION ZONE? No	
LIST ALL SUCH PERFORATED INTERVALS AND SACKS OF CEMENT USED TO SEAL OFF OR SQUEEZE EACH					
DEPTH OF BOTTOM OF DEEPEST FRESH WATER ZONE IN THIS AREA 170		DEPTH OF BOTTOM OF NEXT HIGHER OIL OR GAS ZONE IN THIS AREA None		DEPTH OF TOP OF NEXT LOWER OIL OR GAS ZONE IN THIS AREA None	
ANTICIPATED DAILY INJECTION VOLUME (BBL/DAY) 500	MINIMUM 500	MAXIMUM 1000	OPEN OR CLOSED TYPE SYSTEM Closed	IS INJECTION TO BE BY GRAVITY OR PRESSURE? Pressure	APPROX. PRESSURE (PSI) 1000
ANSWER YES OR NO WHETHER THE FOLLOWING WATERS ARE MINERALIZED TO SUCH A DEGREE AS TO BE UNFIT FOR DOMESTIC, STOCK, IRRIGATION, OR OTHER GENERAL USE -			WATER TO BE DISPOSED OF Yes	NATURAL WATER IN DISPOSAL ZONE Yes	ARE WATER ANALYSES ATTACHED? No
NAME AND ADDRESS OF SURFACE OWNER (OR LESSEE, IF STATE OR FEDERAL LAND) State of New Mexico (Owner)					
LIST NAMES AND ADDRESSES OF ALL OPERATORS WITHIN ONE-HALF (1/2) MILE OF THIS INJECTION WELL Wiser Oil Co. 904 Bldg. of the Southwest, Midland, TX 79701					
HAVE COPIES OF THIS APPLICATION BEEN SENT TO EACH OF THE FOLLOWING?		SURFACE OWNER Yes		EACH OPERATOR WITHIN ONE-HALF MILE OF THIS WELL Yes	
ARE THE FOLLOWING ITEMS ATTACHED TO THIS APPLICATION (SEE RULE 71-1-B)		PLAY OF AREA Yes		ELECTRICAL LOG Yes	
				THE NEW MEXICO STATE ENGINEER N/A	
				DIAGRAMMATIC SKETCH OF WELL Yes	

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

Donald W. Tally
(Signature)

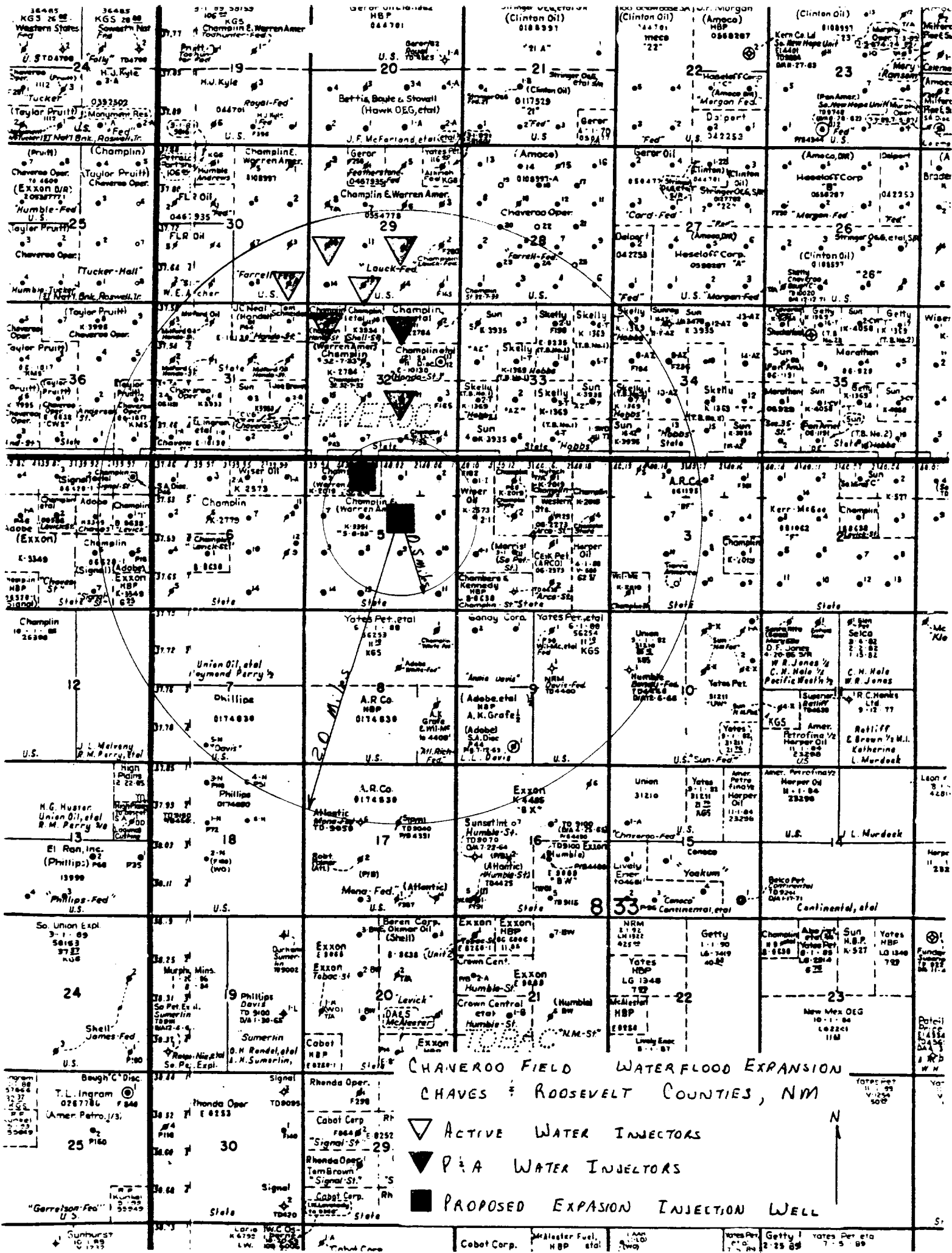
Senior Engineer

(Title)

Nov. 6, 1984

(Date)

NOTE: Should waivers from the State Engineer, the surface owner, and all operators within one-half mile of the proposed injection well not accompany this application, the New Mexico Oil Conservation Commission will hold the application for a period of 15 days from the date of receipt by the Commission's Santa Fe office. If at the end of the 15-day waiting period no protest has been received by the Santa Fe office, the application will be processed. If a protest is received, the application will be set for hearing, if the applicant so requests. SEE RULE 701.



CHAVEROO FIELD WATERFLOOD EXPANSION
CHAVES & ROOSEVELT COUNTIES, NM

- ▽ ACTIVE WATER INJECTORS
- ▼ P & A WATER INJECTORS
- PROPOSED EXPANSION INJECTION WELL



STATE S WELL S 1980 ENCEL S, T8S, R33E

CHAUEROO FIELD
CHAVES Co, NM

Elev. 4435' GR
4446' RKB

12 1/2" Hole
to 1100'
11" Hole
to 1940'

Cmt: 600 ex LITE & 250 ex Class 'C' 2 1/2" Co. (Dir. to Surf.)
Csg: 8 5/8", 24 1/2", H-40 STFC CA 1940'

1 1/2"
Hole

TOC-3427 (Calc. w/ 30% Washout)

2 3/8" Tubing

Tension packer @ 4170'

Perfs: 4223-4401 (20 Holes)

Cmt: 200 ex 50 lb Inert 2 1/2" & 8 #/ex Salt
Csg: 4 1/2", 10.0 #, J-SG STFC CA 4525'

TI 4525'

22-141 50 SHEETS
22-142 100 SHEETS
22-144 200 SHEETS



NEW MEXICO OIL CONSERVATION COMMISSION
APPLICATION TO DISPOSE OF SALT WATER BY INJECTION INTO A POROUS FORMATION

OPERATOR Champlin Petroleum Company		ADDRESS P. O. Box 7946, Midland, TX 79708	
LEASE NAME State "5-A"	WELL NO. 1	FIELD Chaveroo (San Andres)	COUNTY Chaves
LOCATION UNIT LETTER C ; WELL IS LOCATED 660 FEET FROM THE North LINE AND 1980 FEET FROM THE West LINE, SECTION 5 TOWNSHIP 8-S RANGE 33-E NMPM.			

CASING AND TUBING DATA

NAME OF STRING	SIZE	SETTING DEPTH	SACKS CEMENT	TOP OF CEMENT	TOP DETERMINED BY
SURFACE CASING	8-5/8	374.5	250	Surface	Circulation
INTERMEDIATE					
LONG STRING	4-1/2	4430	325	3003	Calculated
TUBING	2-3/8	4150	NAME, MODEL AND DEPTH OF TUBING PACKER Baker Lok-Set Tension Packer @ 4150'		

NAME OF PROPOSED INJECTION FORMATION San Andres		TOP OF FORMATION 3582	BOTTOM OF FORMATION 4428 PBD
IS INJECTION THROUGH TUBING, CASING, OR ANNULUS? Tubing		PERFORATIONS OR OPEN HOLES? Perforations	PROPOSED INTERVAL(S) OF INJECTION 4216-4398
IS THIS A NEW WELL DRILLED FOR DISPOSAL? No	IF ANSWER IS NO, FOR WHAT PURPOSE WAS WELL ORIGINALLY DRILLED? Oil Production		HAS WELL EVER BEEN PERFORATED IN ANY ZONE OTHER THAN THE PROPOSED INJECTION ZONE? No

LIST ALL SUCH PERFORATED INTERVALS AND SACKS OF CEMENT USED TO SEAL OFF OR SQUEEZE EACH

DEPTH OF BOTTOM OF DEEPEST FRESH WATER ZONE IN THIS AREA 170		DEPTH OF BOTTOM OF NEXT HIGHER OIL OR GAS ZONE IN THIS AREA None		DEPTH OF TOP OF NEXT LOWER OIL OR GAS ZONE IN THIS AREA None	
ANTICIPATED DAILY INJECTION VOLUME (BBLs.) 500	MINIMUM 500	MAXIMUM 1000	OPEN OR CLOSED TYPE SYSTEM Closed	IS INJECTION TO BE BY GRAVITY OR PRESSURE? Pressure	APPROX. PRESSURE (PSI) 1000
ANSWER YES OR NO WHETHER THE FOLLOWING WATERS ARE MINERALIZED TO SUCH A DEGREE AS TO BE UNFIT FOR DOMESTIC, STOCK, IRRIGATION, OR OTHER GENERAL USE - Yes			WATER TO BE DISPOSED OF Yes	NATURAL WATER IN DISPOSAL ZONE Yes	ARE WATER ANALYSES ATTACHED? No

NAME AND ADDRESS OF SURFACE OWNER (OR LESSEE, IF STATE OR FEDERAL LAND) State of New Mexico (Owner)

LIST NAMES AND ADDRESSES OF ALL OPERATORS WITHIN ONE-HALF (1/2) MILE OF THIS INJECTION WELL Wiser Oil Co., 904 Bldg. of the Southwest, Midland, TX 79701
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Sun Explor. & Prod. Co., P. O. Box 2339, Hobbs, NM 88240

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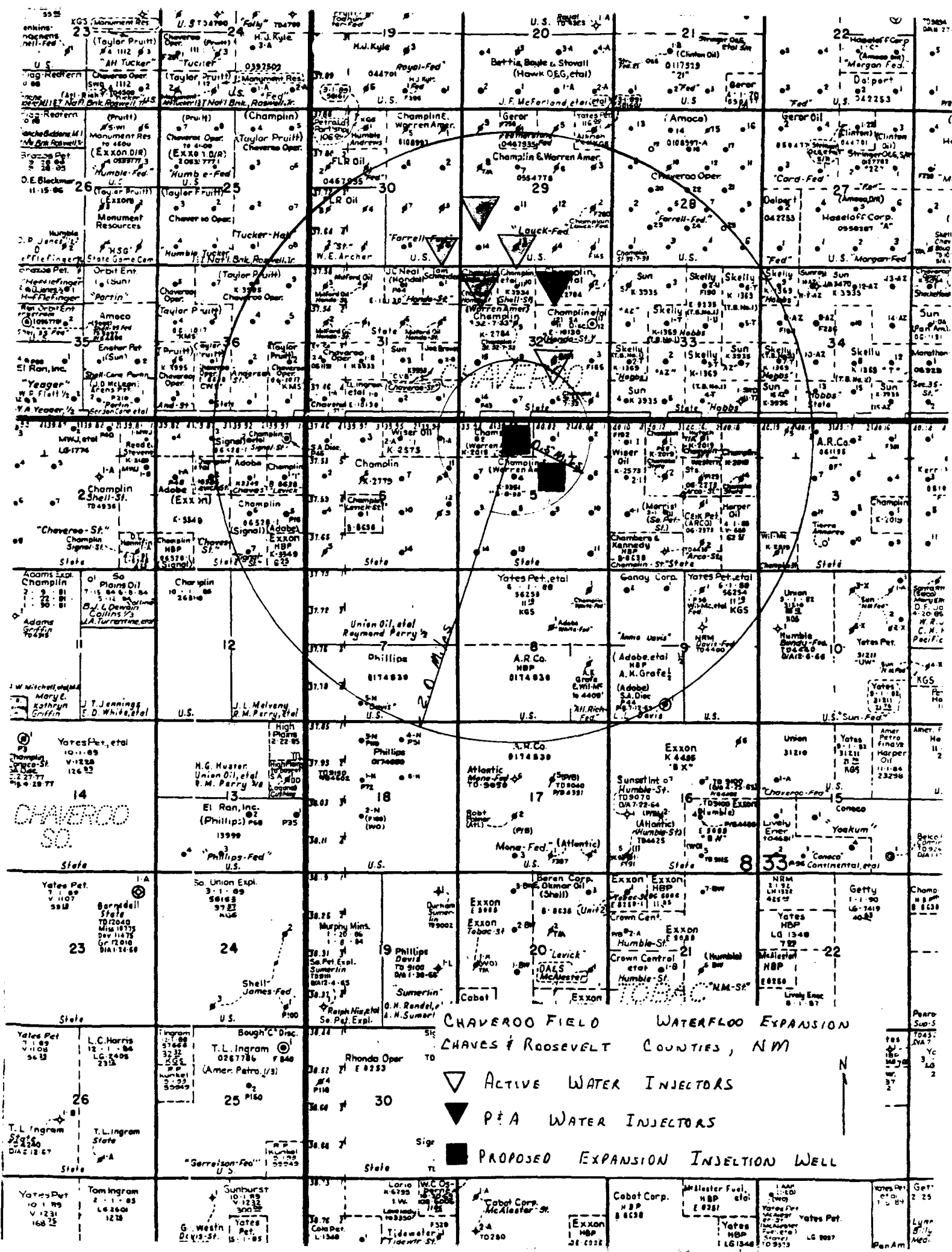
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HAVE COPIES OF THIS APPLICATION BEEN SENT TO EACH OF THE FOLLOWING? Yes	SURFACE OWNER Yes	EACH OPERATOR WITHIN ONE-HALF MILE OF THIS WELL Yes	THE NEW MEXICO STATE ENGINEER N/A
ARE THE FOLLOWING ITEMS ATTACHED TO THIS APPLICATION (SEE RULE 701-B) Yes	PLAT OF AREA Yes	ELECTRICAL LOG Yes	DIAGRAMMATIC SKETCH OF WELL Yes

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

Donald W. Tally Senior Engineer Nov. 6, 1984
(Signature) (Title) (Date)

NOTE: Should waivers from the State Engineer, the surface owner, and all operators within one-half mile of the proposed injection well not accompany this application, the New Mexico Oil Conservation Commission will hold the application for a period of 15 days from the date of receipt by the Commission's Santa Fe office. If at the end of the 15-day waiting period no protest has been received by the Santa Fe office, the application will be processed. If a protest is received, the application will be set for hearing, if the applicant so requests. SEE RULE 701.



CHAVEROO FIELD WATERFLOOD EXPANSION
CHAVES & ROOSEVELT COUNTIES, NM

△ ACTIVE WATER INJECTORS
● P & A WATER INJECTORS
■ PROPOSED EXPANSION INJECTION WELL

CHAVEZ FIELD

CHAVES Co., NM

Elev. 4433 GL

4444 RKB

12 1/2"
HoleCmt: 250 cx Run w/ 2% Gel & 1/4 #/cx Gella Flake (Circ. to Surf.)
Csg: 8 5/8", 20#, STIC SA 374.5'

CSG LEAK 1392-1424' Sgs w/ 350 cx Close "C" Circ. to Surf.

7 7/8"
Hole

TOC 3,003 (Calculated w/ 30% Washout)

2 3/8" Tubing

Tension Packer @ 4150'

PERFS: 4216 - 4398 (20 HOLES)

Cmt: 325 cx Inermix 2% gel & 8 #/sx Salt
Csg: 4 1/2", 9.5#, STIC SA 4430'

TD 4430

22.141 50 SHEETS
22.142 100 SHEETS
22.144 200 SHEETS

AREA OF REVIEW
STATE "5" WELL A #1
CHAVEROO (SAN ANDRES) FIELD

WELL NAME	WELL TYPE	SPUD DATE	LOCATION	DEPTH
State "5" No. 1	Producer <i>why</i>	11/09/65	660' FNL & 1980' FEL 5-8S-33E	4515'
No. 2	Producer Shut In	02/07/66	660' FN & EL 5-8S-33E	4416'
No. 4	Producer	08/16/76	1980' FN & WL 5-8S-33E	4525'
No. 5	Producer	08/25/76	1980' FNL & EL 5-8S-33E	4525'
No. 7	Producer	06/15/76	1980' FNL & 660' FWL 5-8S-33E	4525'
No. 8	Producer	09/02/76	1980' FS & WL 5-8S-33E	4525'
State "5" "A" No. 2	Producer	04/28/66	660' FN & WL 5-8S-33E	4435'
State "6" No. 11	Producer	10/29/76	1650' FNL & 330' FEL 6-8S-33E	4500'
State "32" No. 6	Producer Shut In	08/27/65	660' FSL & 1980' FEL 32-7S-33E	4480'
No. 7	Producer	02/18/66	660' FSL & 1980' FWL 32-7S-33E	4480'
No. 8	P&A	03/01/66	1980' FS & WL Sec 32-7S-33E	4490'
No. 14	Producer	06/23/76	660' FS & WL 32-7S-33E	4461'
<u>Wiser Oil Company</u>				
State "I" "A" No. 1	Producer	09/19/66	660' FN & EL 6-8S-33E	4450'

BDD-618.1

Champlin

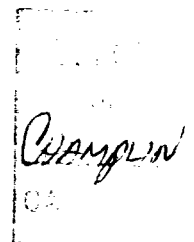
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AREA OF REVIEW
STATE "5" WELL NO. 5
CHAVEROO (SAN ANDRES) FIELD

<u>WELL NAME</u>	<u>WELL TYPE</u>	<u>SPUD DATE</u>	<u>LOCATION</u>	<u>DEPTH</u>
State "5"				
No. 1	Producer	11/09/65	660' FNL & 1980' FEL 5-8S-33E	4515'
No. 2	Producer Shut In	02/07/66	660' FN & EL 5-8S-33E	4416'
No. 4	Producer	08/16/76	1980' FN & WL 5-8S-33E	4525'
No. 5	Producer	08/25/76	1980' FNL & EL 5-8S-33E	4525'
No. 6	Producer	07/15/76	1980' FNL & 660' FEL 5-8S-33E	4485'
No. 7	Producer	06/15/76	1980' FNL & 660' FWL 5-8S-33E	4525'
No. 8	Producer	09/02/76	1980' FS & WL 5-8S-33E	4525'
No. 9	Producer	06/03/76	1980' FS & EL 5-8S-33	4545'
No. 10	Producer	09/13/76	1980' FSL & 660' FEL 5-8S-33E	4450'
State "5"				
"A" No. 1	Producer	03/21/66	660' FNL & 1980' FWL Sec. 5, T8S, R33E	4430'
<u>Wiser Oil Company</u>				
State 2-I	Producer	04/13/66	1980' FNL & 660' FWL 4-8S-33E	4482'

BDD-618


 8437 6

COUNTY CHAVES, N. M. FIELD CHAVEROO (SAN ANDRES) 7
 OPR SOUTHERN PETROLEUM EXPL., INC. (ROSWELL)
 LSE STATE "I" WELL NO. 2
 LOC Sec. 4, T-8-S, R-33-E, 1930' FWL, 660' FWL of Sec.
 First Reported State "I" #1

MAPS CO. ORD
 F. R. 3-31-66 OBJ 4500' METHOD RT SPUD 4-13-66
 CTR Moran C. R. ELEV D. F. 4437
 LOGS SPLS GL
 TD 4482 dolo. 4476 ABD LOC P & A

PAY ZONE	TOP PAY	PRODUCING INTERVAL	IP	BO	W	BS&W	HRS	TEST BASIS
San Andres	4249	4249-4392	P	79	30B		24	

CHOKE	GOR	GTY	CP	TP	POT DATE	TREATMENT
	825	24			5-12-66	A/2000 SF/25,000

CSG-TBG-PKR RECORD REACHED T. D.

8 5/8-368-200
 4 1/2-4478-350

COUNTY CHAVES, N. M. FIELD CHAVEROO (SAN ANDRES)
 WELL SOUTHERN PET. EXPL., INC. #2 STATE "I" ELEV 4437' DR

DATE WELL RECORD SPL (LOG) MARKERS

TD 4482 dolo. PBD 4476	Anhy (1895)
Perfs 1 @ 4249, 4260, 4310, 4323,	Salt (1930)
4329, 4339, 4341, 4355, 4367, 4368,	B/Salt (2300)
4392. A/2000 SF/25,000 + 25,000	Mates (2345)
(-66 BL)	SA (3518)
(5-19-66)	

Champlin

CASE NO. 8437

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OPERATOR	

Form C-105
Revised 1-1-65

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

HOBBS OFFICE
2 57 PM '65

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

1a. TYPE OF WELL OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐				7. Unit Agreement Name			
b. TYPE OF COMPLETION NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER ☐				8. Farm or Lease Name State 5-8-33			
2. Name of Operator Champlin Petroleum Company Non-Operator: Warren American Oil Company				9. Well No. 1			
3. Address of Operator P. O. Box 1797, Midland, Texas				10. Field and Pool, or Wildcat Chaveroo San Andres			
4. Location of Well UNIT LETTER B LOCATED 660 FEET FROM THE North LINE AND 1980 FEET FROM THE East LINE OF SEC 5 TWP. 8-S RGE. 33-E NMPM				12. County Chaves			
15. Date Spudded 11-9-65	16. Date T.D. Reached 11-21-65	17. Date Compl. (Ready to Prod.) 12-18-65	18. Elevations (DF, RKB, RT, GR, etc.) 4439 GR	19. Elev. Casinghead 4441'			
20. Total Depth 4420'	21. Plug Back T.D. 4418'	22. If Multiple Compl., How Many	23. Intervals Drilled By Rotary Tools 0-4420	Cable Tools			
24. Producing Interval(s), of this completion - Top, Bottom, Name 4328 - 4374 San Andres				25. Was Directional Survey Made No			
26. Type Electric and Other Logs Run Schlumberger Gamma-Ray				27. Was Well Cored No			
28. CASING RECORD (Report all strings set in well)							
CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD		AMOUNT PULLED	
8-5/8"	20#	348'	12-1/4"	225 sacks			
4-1/2"	9.5#	4419'	7-7/8"	325 sacks			
29. LINER RECORD							
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	30. TUBING RECORD		
					SIZE	DEPTH SET	PACKER SET
					2-3/8"	4379'	None
31. Perforation Record (Interval, size and number) 2 holes each shot - 4328, 4332, 4343, 4347, 4351, 4358, 4365, & 4374'				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
				DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED		
				4328 - 4374'	2500 gal. UNSOL 15% Non-Emulsion Acid		
					Frac 25,000 gal. lease oil w/25,000# 20-40 sand		
33. PRODUCTION							
Date First Production 12-18-65		Production Method (Flowing, gas lift, pumping - Size and type pump) Swabbing				Well Status (Prod. or Shut-in) Producing	
Date of Test 12-17-65	Hours Tested 24 hrs.	Choke Size None	Prod'n. For Test Period →	Oil - Bbl. 104	Gas - MCF --	Water - Bbl. 64	Gas - Oil Ratio --
Flow Tubing Press. --	Casing Pressure --	Calculated 24-Hour Rate →	Oil - Bbl. 104	Gas - MCF --	Water - Bbl. 64	Oil Gravity - API (Corr.) 24.6	
34. Disposition of Gas (Sold, used for fuel, vented, etc.) Vented						Test Witnessed By T. M. Van	
35. List of Attachments Electric Logs and 3 DST's							
36. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief.							
SIGNED H. N. Brown				TITLE District Superintendent		DATE 12-21-65	

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Commission not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 30 through 34 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

Northwestern New Mexico

T. Anhy	1842	T. Canyon	T. Ojo Alamo	T. Penn. "B"
T. Salt	1914	T. Strawn	T. Kirtland-Fruitland	T. Penn. "C"
B. Salt		T. Atoka	T. Pictured Cliffs	T. Penn. "D"
T. Yates	2342	T. Miss	T. Cliff House	T. Leadville
T. 7 Rivers		T. Devonian	T. Menefee	T. Madison
T. Queen	3012	T. Silurian	T. Point Lookout	T. Elbert
T. Grayburg		T. Montoya	T. Mancos	T. McCracken
T. San Andres	3575	T. Simpson	T. Gallup	T. Ignacio Qtzite
T. Glorieta		T. McKee	Base Greenhorn	T. Granite
T. Paddock		T. Ellenburger	T. Dakota	T.
T. Blinebry		T. Gr. Wash	T. Morrison	T.
T. Tubb		T. Granite	T. Todilto	T.
T. Drinkard		T. Delaware Sand	T. Entrada	T.
T. Abc		T. Bone Springs	T. Wingate	T.
T. Wolfcamp		T.	T. Chinle	T.
T. Penn.		T.	T. Permian	T.
T. Cisco (Bough C)		T.	T. Penn. "A"	T.

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	125	125	Sand & Caliche				
125	1842	1717	Redbeds & Sand				
1842	3575	1733	Anhydrite, Salt, Gypsum, Sand & Redbeds				
3575	4480	905	Anhydrite, Gypsum & Dolomite				

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

Form C-105
Revised 1-1-65

11088-2
State 5 Loc. 25 Fee ☐
S. State Oil & Gas Lease No. 5108

1a. TYPE OF WELL OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐				7. Unit Agreement Name	
1b. TYPE OF COMPLETION NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER ☐				8. Farm or Lease Name State <u>5-8-33</u>	
2. Name of Operator Champlin Petroleum Company Non-Operator: Warren American Oil Company				9. Well No. 2	
3. Address of Operator P. O. Box 1797, Midland, Texas				10. Field and Pool, or Wildcat Undesignated	
4. Location of Well UNIT LETTER <u>A</u> LOCATED <u>660'</u> FEET FROM THE <u>North</u> LINE AND <u>660'</u> FEET FROM THE <u>East</u> LINE OF SEC <u>5</u> TWP. <u>8-S</u> RGE. <u>33-E</u> NMPM				12. County Chaves	
15. Date Spudded 2-7-66	16. Date T.D. Reached 2-16-66	17. Date Compl. (Ready to Prod.) 2-21-66	18. Elevations (DF, RKB, RT, GR, etc.) 4444' RKB	19. Elev. Casinghead 4433'	
20. Total Depth 4416'	21. Plug Back T.D.	22. If Multiple Compl., How Many	23. Intervals Drilled By 0 - 4416'	24. Producing Interval(s), of this completion - Top, Bottom, Name 4214 - 4391 San Andres	
26. Type Electric and Other Logs Run Gamma-Ray Neutron, Formation Density Log, Letterlog, Sonic, & Microlaterolog				27. Was Directional Survey Made No	
28. CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8"	20#	370'	12-1/4"	250 sacks	
4-1/2"	9.5#	4416'	7-7/8"	325 sacks	
29. LINER RECORD					
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	PACKER SET
				2" EUE	4397'
31. Perforation Record (Interval, size and number) 2 holes each @ 4214, 4232, 4246, 4254, 4260, 4302, 4308, 4318, 4344, 4365, 4376, & 4391			32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. DEPTH INTERVAL 4214 - 4391 AMOUNT AND KIND MATERIAL USED 2500 gal. 15% HDA Acid w/ ball sealers		
33. PRODUCTION					
Date First Production 2-21-66		Production Method (Flowing, gas lift, pumping - Size and type pump) Swabbing			Well Status (Prod. or Shut-in)
Date of Test 2-22-66	Hours Tested 24 hrs.	Choke Size --	Prod'n. For Test Period 72	Oil - Bbl. 72	Gas - MCF --
Flow Tubing Press. --	Casing Pressure --	Calculated 24-Hour Rate 72	Oil - Bbl. 72	Gas - MCF --	Water - Bbl. 72
34. Disposition of Gas (Sold, used for fuel, vented, etc.) Vented				Test Witnessed By Raymond Grace	
35. List of Attachments Logs are being sent under separate cover.					
36. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief.					
SIGNED <u>H. N. Brown</u>		TITLE <u>District Superintendent</u>		DATE <u>2-25-66</u>	

9.2.0 8:47C 202111

well. I

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

Northwestern New Mexico

T. Anhy	1842	T. Canyon	T. Ojo Alamo	T. Penn. "B"
T. Salt	1914	T. Strawn	T. Kirtland-Fruitland	T. Penn. "C"
B. Salt		T. Atoka	T. Pictured Cliffs	T. Penn. "D"
T. Yates	2342	T. Miss	T. Cliff House	T. Leadville
T. 7 Rivers		T. Devonian	T. Menefee	T. Madison
T. Queen	3012	T. Silurian	T. Point Lookout	T. Elbert
T. Grayburg		T. Montoya	T. Mancos	T. McCracken
T. San Andres	3575	T. Simpson	T. Gallup	T. Ignacio Qtzite
T. Glorieta		T. McKee	Base Greenhorn	T. Granite
T. Paddock		T. Ellenburger	T. Dakota	T.
T. Blinebry		T. Gr. Wash	T. Morrison	T.
T. Tubb		T. Granite	T. Todilto	T.
T. Drinkard		T. Delaware Sand	T. Entrada	T.
T. Abo		T. Bone Springs	T. Wingate	T.
T. Wolfcamp		T.	T. Chinle	T.
T. Penn.		T.	T. Permian	T.
T. Cisco (Bough C)		T.	T. Penn. "A"	T.

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	125	125	Sand & Caliche				
125	1842	1717	Redbeds & Sand				
1842	3575	1733	Anhydrite, Salt, Gypsum, Sand & Redbeds				
3575	4480	905	Anhydrite, Gypsum & Dolomite				
	4480	810					

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Form C-105
Revised 1-1-65

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

5a. Indicate Type of Lease
State ☒ Fee ☐

5. State Oil & Gas Lease No.
K-3351

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

b. TYPE OF COMPLETION:
NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐

7. Unit Agreement Name

8. Farm or Lease Name
State 5-8-33

2. Name of Operator
Champlin Petroleum Company

9. Well No.
4

3. Address of Operator
300 Wilco Building Midland, Texas 79701

10. Field and Pool, or Wildcat
Chaveroo-San Andres

4. Location of Well
UNIT LETTER F LOCATED 1980 FEET FROM THE North LINE AND 1980 FEET FROM THE West

CHAMPLIN PETRO. CO.
WEST TEXAS DIST.

LINE OF SEC. 5 TWP. 8-S RGE. 33-E NMPM

12. County
Chaves

15. Date Spudded 8-16-76 16. Date T.D. Reached 8-25-76 17. Date Compl. (Ready to Prod.) 9-15-76 18. Elevations (DF, RKB, RT, GR, etc.) 4439 GR 19. Elev. Casinghead 4439

20. Total Depth 4525' 21. Plug Back T.D. 4478 22. If Multiple Compl., How Many 23. Intervals Drilled By Rotary Tools Cable Tools 0-4525'

24. Producing Interval(s), of this completion - Top, Bottom, Name 4233-4429 San Andres 25. Was Directional Survey Made No

26. Type Electric and Other Logs Run Sidewall Neutron, Guard, Forxo 27. Was Well Cored No

28. CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8"	24	1916	12-1/4	750	None
4-1/2"	10.5	4525	7-7/8"	250	None

29. LINER RECORD				30. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SIZE	DEPTH SET	PACKER SET
				2-3/8"	4432	

31. Perforation Record (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
4233-4429' 3-1/8" 21 holes		DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
		4233-4268	1000 gals 15% DS-30 Acid
		4300-4358	2000 gals 15% DS-30 Acid
		4423-4429	400 gals 15% DS-30 Acid
		4233-4429	50,000 gals gelled KCL water

33. PRODUCTION 70,000# 20-40 Sand.

Date First Production 9-16-76 Production Method (Flowing, gas lift, pumping - Size and type pump) 2" X 1 1/2" X 12" Well Status (Prod. or Shut-in) Prod.

Date of Test 9-19-76 Hours Tested 24 Choke Size Prod'n. For Test Period Oil - Bbl. 55 Gas - MCF 63 Water - Bbl. 160 Gas-Oil Ratio 1145

Flow Tubing Press. Casing Pressure 60 Calculated 24-Hour Rate Oil - Bbl. 55 Gas - MCF 63 Water - Bbl. 160 Oil Gravity - API (Corr.) 25°

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

35. List of Attachments
Deviation Survey & Log

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

SIGNED Walt J. Manday TITLE District Clerk DATE Sept. 21, 1976

5

This form is to be filed with the appropriate District Office of the Commission not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 30 through 34 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

Northwestern New Mexico

T. Anhy <u>1904</u>	T. Canyon	T. Ojo Alamo	T. Penn. "B"
T. Salt	T. Strawn	T. Kirtland-Fruitland	T. Penn. "C"
R. Salt	T. Atoka	T. Pictured Cliffs	T. Penn. "D"
T. Yates	T. Miss	T. Cliff House	T. Leadville
T. 7 Rivers	T. Devonian	T. Menefee	T. Madison
T. Queen	T. Silurian	T. Point Lookout	T. Elbert
T. Grayburg	T. Montoya	T. Mancos	T. McCracken
T. San Andres <u>35(13)</u>	T. Simpson	T. Gallup	T. Ignacio Qtzite
T. Glorieta	T. McKee	Base Greenhorn	T. Granite
T. Paddock	T. Ellenburger	T. Dakota	T.
T. Blinberry	T. Gr. Wash	T. Morrison	T.
T. Tubb	T. Granite	T. Todilto	T.
T. Drinkard	T. Delaware Sand	T. Entrada	T.
T. Abo	T. Bone Springs	T. Wingate	T.
T. Wolfcamp	T.	T. Chinle	T.
T. Penn.	T.	T. Permian	T.
T. Cisco (Bough C)	T.	T. Penn. "A"	T.

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	1904	1904	Red Bed				
1904	3525	1621	Salt & Anhydrite				
3525	3861	336	Lime & Anhydrite				
3861	4462	601	Dolomite				
4462	4525	63	Lime				

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

Form C-105
Revised 1-1-65

3a. Indicate Type of Lease	
State ☒	Fee ☐
5. State Oil & Gas Lease No.	
K-3351	

1. TYPE OF WELL	
OIL WELL ☒	GAS WELL ☐ DRY ☐ OTHER ☐
2. TYPE OF COMPLETION	
NEW WELL ☒ WORK OVER ☐	DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER ☐

7. Unit Agreement Name
8. Farm or Lease Name
State 5-8-33

3. Name of Operator
Champlin Petroleum Company

9. Well No.
5

3. Address of Operator
300 Wilco Building Midland, Texas 79701

10. Field and Pool, or Willcat
San Andres

4. Location of Well
UNIT LETTER G LOCATED 1980 FEET FROM THE North LINE AND 1980 FEET FROM THE East LINE OF SEC 5 TWP. 8-S RGE. 33-E NMPM

12. County
Chaves

15. Date Spudded 8-25-76 16. Date T.D. Reached 9-2-76 17. Date Compl. (Ready to Prod.) 9-15-76 18. Elevations (DF, RKB, RT, GR, etc.) 4435 GR 19. Elev. Casinghead 4435

20. Total Depth 4525 21. Plug Back T.D. 4484 22. If Multiple Compl., How Many 23. Intervals Drilled By Rotary Tools Cable Tools 0-4525

12. County
Chaves

24. Producing Interval(s), of this completion - Top, Bottom, Name 4223-4401 San Andres

25. Was Directional Survey Made No

26. Type Electric and Other Logs Run Sidewall Neutron, Forxo & Guard

27. Was Well Cored No

28. CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8"	24#	1938	12 1/2" @ 1150' 11" @ 1940'	850	None
4-1/2"	10.5#	4525	7-7/8"	250	None

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-3/8"	4408	

31. Perforation Record (Interval, size and number)
4223-4401 3-1/8" 20 Holes

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4223-4276	1500 gals. 15% HCL
4316-4401	2500 gals. 15% HCL
4223-4401	Fractured w/50,000 gals. gelle KCL water & 70,000# 20-40 sand

33. PRODUCTION							
Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)				Well Status (Prod. or Shut-in)	
9-17-76		2" X 1 1/2" X 12'				Prod.	
Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
9-19-76	24			70	81	173	1157
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API (Corr.)	
	65		70	81	173	25°	

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

Test Witnessed By
Cecil Chandler

35. List of Attachments
Deviation Survey & Log

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

SIGNED Walter W. Chandler TITLE District Clerk DATE Sept. 21, 1976

This form is to be filed with the appropriate District Office of the Commission not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 30 through 34 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1195.

Southeastern New Mexico

T. Anhy _____ 1895 _____
T. Salt _____
B. Salt _____
T. Yates _____
T. 7 Rivers _____
T. Queen _____
T. Grayburg _____
T. San Andres _____ 3513 _____
T. Glorieta _____
T. Paddock _____
T. Blinbry _____
T. Tubb _____
T. Drinkard _____
T. Abo _____
T. Wolfcamp _____
T. Penn. _____
T. Cisco (Bough C) _____

T. Canyon _____
T. Strawn _____
T. Atoka _____
T. Miss _____
T. Devonian _____
T. Silurian _____
T. Montoya _____
T. Simpson _____
T. McKee _____
T. Ellenburger _____
T. Gr. Wash _____
T. Granite _____
T. Delaware Sand _____
T. Bone Springs _____
T. _____
T. _____
T. _____

n Northwest New Mexico.

T. Ojo Alamo _____
T. Kirtland-Fruitland _____
T. Pictured Cliffs _____
T. Cliff House _____
T. Menefee _____
T. Point Lookout _____
T. Mancos _____
T. Gallup _____
Base Greenhorn _____
T. Dakota _____
T. Morrison _____
T. Todilto _____
T. Entrada _____
T. Wingate _____
T. Chinle _____
T. Permian _____
T. Penn. "A" _____

T. Penn. "B" _____
T. Penn. "C" _____
T. Penn. "D" _____
T. Leadville _____
T. Madison _____
T. Elbert _____
T. McCracken _____
T. Ignacio Qtzite _____
T. Granite _____
T. _____
T. _____
T. _____
T. _____
T. _____
T. _____
T. _____
T. _____

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	1895	1895	Red Beds				
1895	2710	815	Anhydrite				
2710	3500	790	Salt & Anhydrite				
3500	4150	650	Lime & Anhydrite				
4150	4464	314	Dolomite				
4464	4525	61	Lime				

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LAND OFFICE		
OPERATOR		

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

Revised 1-1-65

5a. Indicate Type of Lease
State ☒ Fee ☐
5. State Oil & Gas Lease No.
K-5144

1a. TYPE OF WELL
OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER _____
b. TYPE OF COMPLETION
NEW WELL ☐ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER _____

7. Unit Agreement Name
8. Farm or Lease Name
State 5-8-33
9. Well No.
6
10. Field and Pool, or Willacut
Chaveroo-San Andres

2. Name of Operator
CHAMPLIN PETROLEUM COMPANY
3. Address of Operator
701 Wilco Building, Midland, Texas 79701

4. Location of Well
UNIT LETTER **H** LOCATED **1980** FEET FROM THE **North** LINE AND **660** FEET FROM
THE **East** LINE OF SEC. **5** TWP. **8-S** RGE. **33-E** NMPM

12. County
Chaves

15. Date Spudded **7-15-76** 6. Date T.D. Reached **7-23-76** 17. Date Compl. (Ready to Prod.) **8-17-76** 18. Elevations (DF, RKB, RT, GR, etc.) **4434' GR** 19. Elev. Casinghead **4434'**

20. Total Depth **4485'** 21. Plug Back T.D. **4395'** 22. If Multiple Compl., How Many _____ 23. Intervals Drilled By Rotary Tools **0-4485'** Cable Tools _____

24. Producing Interval(s), of this completion - Top, Bottom, Name
4230-4404' San Andres 25. Was Directional Survey Made
No

26. Type Electric and Other Logs Run
Sidewall Neutron, Guard & FORXO 27. Was Well Cored _____

28. CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8"	24#	1909'	12-1/4" & 11"	850	None
4-1/2"	10.5	4485'	7-7/8	250	None

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-3/8	4383'	-

31. Perforation Record (Interval, size and number)			32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
4230-4404' - 3-1/8" 28 Holes			DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
			4230-4404'	4000 Gals 15% HCl Acid
			4230-4404'	Fractured w/50,000 Gals.
				Gelled KCl water & 70,000#
				20-40 Sand

33. PRODUCTION
Date First Production **8-19-76** Production Method (Flowing, gas lift, pumping - Size and type pump) **2" x 1-1/2" x 12'** Well Status (Prod. or Shut-in) **Prod.**
Date of Test **8-23-76** Hours Tested **24** Choke Size _____ Prod'n. For Test Period _____ Oil - Bbl. **45** Gas - MCF **54** Water - Bbl. **150** Gas - Oil Ratio **1200**
Flow Tubing Press. _____ Casing Pressure **60** Calculated 24-Hour Rate _____ Oil - Bbl. **45** Gas - MCF **54** Water - Bbl. **150** Oil Gravity - API (Corr.) **25°**

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

35. List of Attachments
Electric Log and Diviation Survey

36. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief.
SIGNED Walter M. Conda TITLE **District Clerk** DATE **August 24, 1976**

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Commission not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 30 through 34 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

Northwestern New Mexico

T. Anhy <u>1910</u>	T. Canyon	T. Ojo Alamo	T. Penn. "B"
T. Salt	T. Strawn	T. Kirtland-Fruitland	T. Penn. "C"
B. Salt	T. Atoka	T. Pictured Cliffs	T. Penn. "D"
T. Yates	T. Miss	T. Cliff House	T. Leadville
T. 7 Rivers	T. Devonian	T. Menefee	T. Madison
T. Queen	T. Silurian	T. Point Lookout	T. Elbert
T. Grayburg	T. Montoya	T. Mancos	T. McCracken
T. San Andres <u>3442</u>	T. Simpson	T. Gallup	T. Ignacio Qtzite
T. Glorieta	T. McKee	Base Greenhorn	T. Granite
T. Paddock	T. Ellenburger	T. Dakota	T.
T. Blinebry	T. Gr. Wash	T. Morrison	T.
T. Tubb	T. Granite	T. Todilto	T.
T. Drinkard	T. Delaware Sand	T. Entrada	T.
T. Abo	T. Bone Springs	T. Wingate	T.
T. Wolfcamp	T.	T. Chinle	T.
T. Penn.	T.	T. Permian	T.
T. Cisco (Bough C)	T.	T. Penn. "A"	T.

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	1909	1909	Redbeds				
1909	3550	1641	Salt & Anhydrite				
3550	3746	196	Anhydrite				
3746	4485	739	Dolomite				
RECEIVED APR 22 1976 REGIONAL COMMISSION U. M.							

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LAND OFFICE	
OPERATOR	

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

Form O-100
Revised 1-1-65

5a. Indicate Type of Lease:
State ☒ ☐
5. State Oil & Gas Lease No.
K-5144

1a. TYPE OF WELL
OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐
b. TYPE OF COMPLETION
NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. HESVR. ☐ OTHER ☐

7. Unit Agreement No. 1

8. Farm or Lease Name
State 5-8-33

2. Name of Operator
Champlin Petroleum Company

9. Well No. 7

3. Address of Operator
701 Wilco Building Midland, Texas 79701

10. Field and Pool, or Wildcat
Chaveroo-San Andres

4. Location of Well
UNIT LETTER E LOCATED 1980 FEET FROM THE North LINE AND 660 FEET FROM THE West

12. County
Chaves

LINE OF SEC. 5 TWP. 8-S RGE. 33-E NMPM

15. Date Spudded 6-15-76 16. Date T.D. Reached 6-23-76 17. Date Compl. (Ready to Prod.) 6-29-76 18. Elevations (DF, RKB, RT, GR, etc.) 4442 GR 19. Elev. Casinghead 4442

20. Total Depth 4525' 21. Plug Back T.D. 4478 22. If Multiple Compl., How Many 4442 GR 23. Intervals Drilled By Rotary Tools 0 - 4525 Cable Tools

24. Producing Interval(s), of this completion - Top, Bottom, Name
4307 - 4328' San Andres

25. Was Directional Survey Made No

26. Type Electric and Other Logs Run
Sidewall Neutron, Forxo & Guard Log, Gamma Ray

27. Was Well Cored No

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

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-7/8"	24	1938	12-1/4"	950	None
4-1/2"	10.5	4525	7-7/8"	250	None

29. LINER RECORD				30. TUBING RECORD			
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-3/8"	4384	- -

31. Perforation Record (Interval, size and number)	32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.
4307 - 4328 3-1/8" (8 holes)	DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED
	4307 - 4328 1000 gals. 15% DS-30 Acid
	16 ball sealers

33. PRODUCTION

Date First Production 6-30-76 Production Method (Flowing, gas lift, pumping - Size and type pump) 1 1/2 x 5' x 16' tvl. bbl. Well Status (Prod. or Shut-in) Prod.
Date of Test 7-2-76 Hours Tested 24 Choke Size SPM-Stk 10-64 Prod'n. For Test Period 55 Oil - Bbl. 55 Gas - MCF 50 Water - Bbl. 98 Gas - Oil Ratio 909
Flow Tubing Press. 60 Casing Pressure 60 Calculated 24-Hour Rate 55 Oil - Bbl. 55 Gas - MCF 50 Water - Bbl. 98 Oil Gravity - API 25.4

34. Disposition of Gas (No. a, used for fuel, vented, etc.) Sold Test Witnessed By Wayne Sparkman

35. List of Attachments
Log & Deviation Survey

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

SIGNED _____ TITLE District Clerk DATE July 6, 1976

by newly-developed
special tests
tical depths and
uplicate except on

This form is to be filed with the appropriate District Office of the Commission not later than 10 days after the completion of any newly deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 30 through 34 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

Northwestern New Mexico

T. Anhy _____	1895 _____	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt _____	_____	T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Salt _____	_____	T. Atoka _____	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates _____	_____	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____	_____	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____	_____	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____	_____	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____	3500 _____	T. Simpson _____	T. Gallup _____	T. Ignacio Qtzite _____
T. Glorieta _____	_____	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	_____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinebry _____	_____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____	_____	T. Granite _____	T. Todilto _____	T. _____
T. Drinkard _____	_____	T. Delaware Sand _____	T. Entrada _____	T. _____
T. Abo _____	_____	T. Bone Springs _____	T. Wingate _____	T. _____
T. Wolfcamp _____	_____	T. _____	T. Chinle _____	T. _____
T. Penn. _____	_____	T. _____	T. Permian _____	T. _____
T. Cisco (Bough C) _____	_____	T. _____	T. Penn. "A" _____	T. _____

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	1895	1895	Redbeds				
1895	1945	50	Anhydrite				
1945	2120	175	Anhydrite & Salt				
2120	3228	1108	Anhydrite & Lime				
3228	4206	978	Lime				
4206	4525	319	Dolomite				

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

Form C-105
Revised 1-1-65

5a. Indicate Type of Lease
State ☒ Fee ☐

5. State Oil & Gas Lease No.
K-3351

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

2. TIME OF COMPLETION
NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER ☐

7. Unit Agreement Name

8. Farm or Lease Name
State 5-8-33

3. Name of Operator
Champlin Petroleum Company

3. Address of Operator
300 Wilco Building Midland, Texas 79701

9. Well No.
8

10. Field and Pool, or Wildcat
Chaveroo-San Andres

4. Location of Well
UNIT LETTER **K** LOCATED **1980** FEET FROM THE **South** LINE AND **1980** FEET FROM THE **West** LINE OF SEC. **5** TWP. **8-S** RGE. **33-E** NMPM

12. County
Chaves

15. Date Spudded 9-2-76	16. Date T.D. Reached 9-12-76	17. Date Compl. (Ready to Prod.) 9-30-76	18. Elevations (DF, RKB, RT, GR, etc.) 4442 GR	19. Elev. Casinghead 4442
20. Total Depth 4525	21. Plug Back T.D. 4465	22. If Multiple Compl., How Many	23. Intervals Drilled By Rotary Tools 0-4525	Cable Tools
24. Producing Interval(s), of this completion - Top, Bottom, Name 4246-4375 San Andres				25. Was Directional Survey Made No

26. Type Electric and Other Logs Run
Radioactivity, Cement Bond Log, Gamma Ray & Compensated Neutron

27. Was Well Cored
No

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

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8"	24	1930	12 1/2" & 11"	750	None
4-1/2"	10.5	4524	7-7/8"	250	None

29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

30. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2-3/8"	4439	

31. Perforation Records (Interval, size and number)
4246-4375 3-1/8" (19 holes)

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4261-4281	1000 gals. 15% DS-30 Acid
4314-4375	2000 gals. 15% DS-30 Acid

33. PRODUCTION

Date First Production **10-2-76** Production Method (Flowing, gas lift, pumping - Size and type pump) **2" X 1 1/2" X 12"** Well Status (Prod. or Shut-in) **Prod.**

Date of Test 10-4-76	Hours Tested 24	Choke Size	Prod'n. For Test Period	Oil - Bbl. 80	Gas - MCF 92	Water - Bbl. 42	Gas-Oil Ratio 1150
Flow Tubing Press.	Casing Pressure 60	Calculated 24-Hour Rate	Oil - Bbl. 80	Gas - MCF 92	Water - Bbl. 42	Oil Gravity - API (Corr.) 25°	

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

Test Witnessed By
Wayne Sparkman

35. List of Attachments
Deviation Survey & Log

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

SIGNED Wm. E. Randolph TITLE District Clerk DATE October 11, 1976

This form is to be filed with the appropriate District Office of the Commission not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 30 through 34 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

Southeastern New Mexico

T. Anhy _____	1930	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt _____		T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Salt _____		T. Atoka _____	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates _____		T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____		T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____		T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____		T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____	3515	T. Simpson _____	T. Gallup _____	T. Ignacio Qtzite _____
T. Glorieta _____		T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____		T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinebry _____		T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____		T. Granite _____	T. Todilto _____	T. _____
T. Drinkard _____		T. Delaware Sand _____	T. Entrada _____	T. _____
T. Abo _____		T. Bone Springs _____	T. Wingate _____	T. _____
T. Wolfcamp _____		T. _____	T. Chinle _____	T. _____
T. Penn. _____		T. _____	T. Permian _____	T. _____
T. Cisco (Bough C) _____		T. _____	T. Penn. "A" _____	T. _____

Northwestern New Mexico

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	1929	1929	Redbeds				
1929	2415	486	Anhydrite				
2415	3475	1060	Anhydrite & Salt				
3475	3800	325	Anhydrite & Salt				
3800	4400	600	Dolomite				
4400	4525	125	Dolomite & Lime				

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LAND OFFICE		
OPERATOR		

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

3a. Indicate Type of Lease
State ☒ Fee ☐
5. State Oil & Gas Lease No.
K-5144

1a. TYPE OF WELL	7. Unit Agreement Name
b. TYPE OF COMPLETION	8. Farm or Lease Name
OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐	State 5-8-33
NEW WELL ☐ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER ☐	9. Well No.
2. Name of Operator	9
3. Address of Operator	10. Field and Pool, or Wildcat
Champlin Petroleum Company	Chaveroo-San Andres
701 Wilco Building Midland, Texas 79701	

4. Location of Well	12. County
UNIT LETTER <u>J</u> LOCATED <u>1980</u> FEET FROM THE <u>South</u> LINE AND <u>1980</u> FEET FROM	Chaves
THE <u>East</u> LINE OF SEC. <u>5</u> TWP. <u>8-S</u> RGE. <u>33-E</u> NMPM	

15. Date Spudded	16. Date T.D. Reached	17. Date Compl. (Ready to Prod.)	18. Elevations (DF, RKB, RT, GR, etc.)	19. Elev. Casinghead
6-3-76	6-14-76	6-24-76	4436 GR	4436
20. Total Depth	21. Plug Back T.D.	22. If Multiple Compl., How Many	23. Intervals Drilled By	Rotary Tools
4545	4502		0 - 4545	Cable Tools
24. Producing Interval(s), of this completion - Top, Bottom, Name				25. Was Directional Survey Made
4336' - 4348' San Andres				No

26. Type Electric and Other Logs Run	27. Was Well Cored
Radioactivity, Guard Log, Fracture Finder & Bond Log & Compensated Acoustic	Yes

28. CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8"	24	1933	12-1/4"	950 sacks	None
4-1/2"	10.50	4545	7-7/8"	200 sacks	None

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-7/8"	4428	--

31. Perforation Record (Interval, size and number)	32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.
4336 - 4348' 3-1/8" 6 holes	DEPTH INTERVAL
	AMOUNT AND KIND MATERIAL USED
	4336 - 4348' 1000 gals. 15% DS-30 Acid +
	12 ball sealers

33. PRODUCTION							
Date First Production	Production Method (Flowing, gas lift, pumping - Size and type pump)					Well Status (Prod. or Shut-in)	
6-25-76	1-1/2" x 5' x 16' tub. bbl.					Prod.	
Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
6-27-76	24	SPM/STK 10-64		30	26	130	867
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API (Corr.)	
-	60		30	26	130	25.30	

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

35. List of Attachments
Electric Log & Deviation Survey

36. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief.		
SIGNED <u>Walter R. Sparks</u>	TITLE <u>District Clerk</u>	DATE <u>2-2-76</u>

This form is to be filed with the appropriate District Office of the Commission not later than 20 days after the completion of any newly-drilled deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 30 through 34 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

Northwestern New Mexico

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	1895	1895	Red Beds				
1895	3150	1255	Salt & Anhydrite				
3150	3706	556	Lime & Anhydrite				
3706	4250	544	Lime				
4250	4354	104	Dolomite & Anhydrite				
4354	4452	98	Dolomite				
4452	4545	93	Lime				

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OPERATOR		

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

5a. Indicate Type of Lease
State ☒ ☐

5. State Oil & Gas Lease No.
R-3351

13. TYPE OF WELL
OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐

b. TYPE OF COMPLETION
NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER ☐

7. Unit Agreement Name

8. Farm or Lease Name
State **5-8-33**

1. Name of Operator
Champlin Petroleum Company

3. Address of Operator
300 Wilco Building, Midland, Texas 79701

4. Location of Well

9. Well No.
10

10. Field and Pool, or Wildcat
Chaveroo-San Andres

UNIT LETTER **I** LOCATED **1980** FEET FROM THE **South** LINE AND **660** FEET FROM THE **East** LINE OF SEC. **5** TWP. **8-S** RGE. **33-E** NMPM

12. County
Chaves

15. Date Spudded **9-13-76** 16. Date T.D. Reached **9-20-76** 17. Date Compl. (Ready to Prod.) **10-4-76** 18. Elevations (DF, RKB, RT, GR, etc.) **4436 GR** 19. Elev. Casinghead **4436**

20. Total Depth **4450** 21. Plug Back T.D. **4409** 22. If Multiple Compl., How Many **0-4450** 23. Intervals Drilled By Rotary Tools **0-4450** Cable Tools

24. Producing Interval(s), of this completion - Top, Bottom, Name
4221-4361 San Andres

25. Was Directional Survey Made
No

26. Type Electric and Other Logs Run
Sidewall Neutron, Forxo & Guard

27. Was Well Cored
No

28. CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8"	24#	1938	12 1/2" @ 1320	850	None
			11" @ 1940		
4-1/2"	10.5#	4448	7-7/8"	250	None

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-3/8"	4386	

31. Perforation Record (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
4221-4361	3-1/8" (22 holes)	DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
		4221-4361	3500 gals. 15% DS-30 Acid
			50,000 gals. gel KCL water &
			70,000 # 20-40 sand.

33. PRODUCTION

Date First Production **10-5-76** Production Method (Flowing, gas lift, pumping - Size and type pump) **2" X 1 1/2" X 12'** Well Status (Prod. or Shut-in) **Prod.**

Date of Test 10-7-76	Hours Tested 24	Choke Size	Prod'n. For Test Period 80	Oil - Bbl. 80	Gas - MCF 84	Water - Bbl. 243	Gas - Oil Ratio 1050
Flow Tubing Press.	Casing Pressure 60	Calculated 24-Hour Rate 80	Oil - Bbl. 80	Gas - MCF 84	Water - Bbl. 243	Oil Gravity - API (Corr.) 25°	

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

35. List of Attachments
Deviation Survey & Log

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

SIGNED Walter J. ... TITLE District Clerk DATE October 11, 1976

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	1904	1904	Redbeds				
1904	2925	1021	Saly & Anhydrite				
2925	3969	1044	Lime & Anyhdrite				
3969	4450	481	Dolomite				

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Form C-105
Revised 1-1-65

NEW MEXICO OIL CONSERVATION COMMISSION DE O. C.
WELL COMPLETION OR RECOMPLETION REPORT AND LOG

APR 20 1 24 PM '66

5a. Indicate Type of Lease
 State ☒ Fee ☐
 State Oil & Gas Lease No.
 2-2014

1a. TYPE OF WELL
 OIL WELL ☐ GAS WELL ☐ DRY ☐ OTHER _____
 b. TYPE OF COMPLETION
 NEW WELL ☐ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER _____

2. Name of Operator
 Marathon Petroleum Company

3. Address of Operator
 P. O. Box 1757, Midland, Texas

4. Location of Well

7. Unit Agreement Name
 8. Farm or Lease Name
 State "A"
 9. Well No.
 1
 10. Field and Pool, or Wildcat
 (Indesignated)

UNIT LETTER **C** LOCATED **660** FEET FROM THE **North** LINE AND **1900** FEET FROM
 TWP. **34N** RGE. **3E** NMPM
 15. Date Spudded **4-21-66** 16. Date T.D. Reached **4-27-66** 17. Date Compl. (Ready to Prod.) **4-27-66** 18. Elevations (DF, RKB, RT, GR, etc.) **4443' GR** 19. Elev. Casinghead **4441'**
 20. Total Depth **4450'** 21. Plug Back T.D. **4425'** 22. If Multiple Compl., How Many **Single** 23. Intervals Drilled By **Rotary Tools** **0-4450'** Cable Tools _____
 24. Producing Interval(s), of this completion — Top, Bottom, Name
4216 - 4393' San Andres 25. Was Directional Survey Made
No.
 26. Type Electric and Other Logs Run
1 Gamma-Ray Neutron 27. Was Well Cored
No

28. CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-1/2"	26.5	425'	11-1/4"	275 SACKS	Circumferential
8-1/2"	26.5	430'	7-7/8"	275 SACKS	2000

29. LINER RECORD				30. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SIZE	DEPTH SET	PACKER SET
				3 1/2"	4441'	4441'

31. Perforation Record (Interval, size and number)
 2 holes each at 4216, 4255, 4260, 4298, 4313, 4330, 4335, 4398, 4399, & 4399'

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.
 DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED
 4216 - 4255 10,000 gal. Gellul Form. 2 for
 4255 - 4260 10,000 20-40 mesh using ball
 sealers.

33. PRODUCTION
 Date First Production **4-21-66** Production Method (Flowing, gas lift, pumping, etc.) **pumping gas lift 2 1/2" screen** Well Status (Prod. or Shut-in) **Producing**
 Date of Test **4-17-66** Hours Tested **24 hrs.** Choke Size **---** Prod'n. For Test Period **---** Oil - Bbl. **44** Gas - MCF **33** Water - Bbl. **1** Gas/Oil Ratio **700 to 1**
 Flow Tubing Press. **---** Casing Pressure **---** Calculated 24-Hour Rate **---** Oil - Bbl. **44** Gas - MCF **33** Water - Bbl. **1** Oil Gravity - API (Corr.) **29.5**

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

35. List of Attachments
Log is being called under separate cover.

36. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief.
 SIGNED **H. H. Brown** **E. S. Brown** District Superintendent **4-13-66**
 TITLE _____ DATE _____

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Commission not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 30 through 34 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

Northwestern New Mexico

T. Anhy <u>1212</u>	T. Canyon	T. Ojo Alamo	T. Penn. "B"
T. Salt <u>1921</u>	T. Strawn	T. Kirtland-Fruitland	T. Penn. "C"
T. Salt <u>2302</u>	T. Atoka	T. Pictured Cliffs	T. Penn. "D"
T. Yates <u>3712</u>	T. Miss	T. Cliff House	T. Leadville
T. 7 Rivers <u>3712</u>	T. Devonian	T. Menefee	T. Madison
T. Queen <u>3712</u>	T. Silurian	T. Point Lookout	T. Elbert
T. Grayburg <u>3575</u>	T. Montoya	T. Mancos	T. McCracken
T. San Andres <u>3575</u>	T. Simpson	T. Gallup	T. Ignacio Qtzite
T. Glorieta	T. McKee	Base Greenhorn	T. Granite
T. Paddock	T. Ellenburger	T. Dakota	T.
T. Blinberry	T. Gr. Wash	T. Morrison	T.
T. Tubb	T. Granite	T. Todilto	T.
T. Drinkard	T. Delaware Sand	T. Entrada	T.
T. Abo	T. Bone Springs	T. Wingate	T.
T. Wolfcamp	T.	T. Chinle	T.
T. Penn.	T.	T. Permian	T.
T. Cisco (Bough C)	T.	T. Penn. "A"	T.

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	125	125	Sand & Caliche				
125	1312	177	Redbeds & Sand				
1312	3575	1733	Anhydrite, Salt, Gypsum				
3575	4430	755	Sand & Redbeds Anhydrite, Gypsum & Isolomite				

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Form C-105
Revised 1-1-65

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

1. Indicate Type of Lease
State ☒ Fee ☐
2. State Oil & Gas Lease No.
1-2019

1. TYPE OF WELL OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐						7. Unit Agreement Name	
2. TYPE OF COMPLETION NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER ☐						8. Farm or Lease Name Tract 5 "A"	
3. Name of Operator Champion Petroleum Company Non-Operator Warren American Oil Company						9. Well No. 2	
4. Address of Operator P. O. Box 1797, Midland, Texas						10. Field and Pool, or Wildcat Chavira-San Andres	
4. Location of Well UNIT LETTER D LOCATED 660 FEET FROM THE North LINE AND 660 FEET FROM						12. County Chaves	
15. Date Spudded 1-21-66		16. Date T.D. Reached 5-5-66		17. Date Compl. (Ready to Prod.) 5-27-66		18. Elevations (DF, RKB, RT, GR, etc.) 14330	
19. Elev. Casinghead 1433		20. Total Depth 1435		21. Plug Back T.D. 1433		22. If Multiple Compl., How Many ---	
23. Intervals Drilled By 0 - 1435		24. Producing Interval(s), if this completion - Top, Bottom, Name 1211 - 1400 San Andres		25. Was Directional Survey Made No		26. Type Electric and Other Logs Run Gamma-ray Neutron	
27. Was Well Cored No		28. CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED		
6-5/8"	23.7	357'	12-1/4"	250 sacks - circulated	None		
4-1/2"	24.5	1435'	7-7/8"	125 sacks	None		
29. LINER RECORD				30. TUBING RECORD			
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2" SUE	1433	None
31. Perforation Record (Interval, size and number) 2 shots each at 1211, 1237, 1263, 1295, 1306, 1317, 1324, 1332, 1352, 1400				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
				DEPTH INTERVAL		AMOUNT AND KIND MATERIAL USED	
				1211 - 1400		500 gal. acetic acid	
						50,000 gal. gelled formation water & 10,000 of 20-10 sand	
33. PRODUCTION							
Date First Production May 16, 1966		Production Method (Flowing, gas lift, pumping - Size and type pump) Gaslifting				Well Status (Prod. or Shut-in) Producing	
Date of Test May 16, 1966	Hours Tested 24	Choke Size	Prod'n. For Test Period ---	Oil - Bbl. 74	Gas - MCF ---	Water - Bbl. 74	Gas - Oil Ratio ---
Flow Tubing Press. ---	Casing Pressure ---	Calculated 24-Hour Rate ---	Oil - Bbl. 74	Gas - MCF ---	Water - Bbl. 74	Oil Gravity - API (Corr.) 24.6	
34. Disposition of Gas (Sold, used for fuel, vented, etc.) Vented						Test Witnessed By Faywood Green	
35. List of Attachments Logs being sent under separate cover							
36. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief.							
SIGNED H. E. Brown				TITLE District Superintendent		DATE May 15, 1966	

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INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

Northwestern New Mexico

T. Anhy	2320	T. Canyon	T. Ojo Alamo	T. Penn. "B"
T. Salt		T. Strawn	T. Kirtland-Fruitland	T. Penn. "C"
B. Salt		T. Atoka	T. Pictured Cliffs	T. Penn. "D"
T. Yates	2336	T. Miss	T. Cliff House	T. Leadville
T. 7 Rivers		T. Devonian	T. Menefee	T. Madison
T. Queen	3000	T. Silurian	T. Point Lookout	T. Elbert
T. Grayburg		T. Montoya	T. Mancos	T. McCracken
T. San Andres	3173	T. Simpson	T. Gallup	T. Ignacio Qtzite
T. Glorieta		T. McKee	Base Greenhorn	T. Granite
T. Paddock		T. Ellenburger	T. Dakota	T.
T. Blinbry		T. Gr. Wash	T. Morrison	T.
T. Tubb		T. Granite	T. Todilto	T.
T. Drinkard		T. Delaware Sand	T. Entrada	T.
T. Abo		T. Bone Springs	T. Wingate	T.
T. Wolfcamp		T.	T. Chinle	T.
T. Penn.		T.	T. Permian	T.
T. Cisco (Bough C.)		T.	T. Penn. "A"	T.

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	125	125	Sand & Caliche				
125	1042	1717	Redbeds & Sand				
1042	3575	1733	Anhydrite, Salt, Gypsum, Sand & Redbeds				
3575	4435	860	Anhydrite, Gypsum & Dolomite				

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

Form C-103
Revised 1-1-65

5a. Indicate Type of Lease	
State ☒	Fee ☐
5. State Oil & Gas Lease No.	
K-2779	

1. TYPE OF WELL		OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐		7. Unit Agreement Name	
b. TYPE OF COMPLETION		NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER ☐		8. Farm or Lease Name	
2. Name of Operator		Champlin Petroleum Company		State "6"	
3. Address of Operator		300 Wilco Building Midland, Texas 79701		9. Well No.	
4. Location of Well		UNIT LETTER <u>H</u> LOCATED <u>1650</u> FEET FROM THE <u>North</u> LINE AND <u>330</u> FEET FROM		10. Field and Pool, or Wildcat	
THE <u>East</u> LINE OF SEC. <u>6</u> TWP. <u>8-S</u> RGE. <u>33-E</u> NMPM				12. County	
15. Date Spudded		16. Date T.D. Reached		17. Date Compl. (Ready to Prod.)	
10-28-76		11-5-76		11-21-76	
18. Elevations (DF, RKB, RT, GR, etc.)		4453 GR		19. Elev. Casinghead	
20. Total Depth		21. Plug Back T.D.		22. If Multiple Compl., How Many	
4500		4441			
23. Intervals Drilled By		Rotary Tools		Cable Tools	
→		0 - 4500			
24. Producing Interval(s), of this completion - Top, Bottom, Name				25. Was Directional Survey Made	
4200 - 4330 San Andres				No	
26. Type Electric and Other Logs Run				27. Was Well Cored	
Sidewall Neutron, Forxo-Guard				No	
28. CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8"	24	1912	12-1/4"	850 Sacks	None
4-1/2"	10.5	4499	7-7/8"	300 Sacks	None
29. LINER RECORD					
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	PACKER SET
				2-3/8"	4427
31. Perforation Record (Interval, size and number)			32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.		
4200 - 4330 3-1/8" 21 holes			DEPTH INTERVAL		
			AMOUNT AND KIND MATERIAL USED		
			4200 - 4330 3000 gals. 15% NE acid		
			50,000 gals. gelled 2% KCL		
			water & 70,000# 20-40 sand		
33. PRODUCTION					
Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)			Well Status (Prod. or Shut-in)
11-23-76		Pumping 2" X 1 1/2" X 12'			Prod.
Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period	Oil - Bbl.	Gas - MCF
12-1-76	24			49	44
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.
			49	44	149
34. Disposition of Gas (Sold, used for fuel, vented, etc.)			Test Witnessed By		
Sold			Cecil Chandler		
35. List of Attachments					
Deviation Survey & Log					
36. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief.					
SIGNED <u>Walter J. Randall</u>		TITLE <u>District Clerk</u>		DATE <u>December 9, 1976</u>	

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This form is to be filed with the appropriate District Office of the Commission not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 30 through 34 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

Northwestern New Mexico

T. Anhy	1900	T. Canyon	T. Ojo Alamo	T. Penn. "B"
T. Salt		T. Strawn	T. Kirtland-Fruitland	T. Penn. "C"
T. Sulf		T. Abora	T. Pictured Cliffs	T. Penn. "D"
T. Yates		T. Mass	T. Cliff House	T. Leadville
T. 7 Rivers		T. Devonian	T. Menefer	T. Madison
T. Queen		T. Silurian	T. Point Lookout	T. Elbert
T. Grayburg		T. Montoya	T. Mancos	T. McCracken
T. San Andres	34:17	T. Simpson	T. Gallup	T. Ignacio Qzite
T. Glorieta		T. McKee	Base Greenhorn	T. Granite
T. Paddock		T. Ellenburger	T. Dakota	T.
T. Blinebry		T. Gr. Wash	T. Morrison	T.
T. Tubb		T. Granite	T. Todilto	T.
T. Drinkard		T. Delaware Sand	T. Entrada	T.
T. Abo		T. Bone Springs	T. Wingate	T.
T. Wolfcamp		T.	T. Chinle	T.
T. Penn.		T.	T. Permian	T.
T. Cisco (Bough C)		T.	T. Penn. "A"	T.

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	1900	1900	Redbeds				
1900	2076	176	Anhydrite & Salt				
2076	3792	1716	Lime & Anhydrite				
3792	4091	299	Lime				
4091	4402	311	Dolomite				
4402	4500	98	Lime				

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Form C-105
Revised 1-1-65

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

SEP 27 8 20 AM '65

5a. Indicate Type of Lease State ☒ Fee ☐
5. State Oil & Gas Lease No. K-2734

1. TYPE OF WELL OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐						7. Unit Agreement Name	
D. TYPE OF COMPLETION NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER San Andres						8. Farm or Lease Name State 32-7-33	
2. Name of Operator Champlin Petroleum Company						9. Well No. 6	
3. Address of Operator P. O. Box 1797, Midland, Texas						10. Field and Pool, or Wildcat Cheveroo-San Andres	
4. Location of Well UNIT LETTER 0 LOCATED 660 FEET FROM THE South LINE AND 1980 FEET FROM THE East LINE OF SEC. 32 TWP. 7-S RGE. 33-E NMPM						12. County Roosevelt	
15. Date Spudded 8-27-65		16. Date T.D. Reached 9-9-65		17. Date Compl. (Ready to Prod.) 9-21-65		18. Elevations (DF, RKB, RT, GR, etc.) 4417 GR	
19. Elev. Casinghead 4419		20. Total Depth 4480'		21. Plug Back T.D. 4472'		22. If Multiple Compl., How Many	
23. Intervals Drilled By Rotary Tools		24. Producing Interval(s), of this completion - Top, Bottom, Name 4227-4449 San Andres		25. Was Directional Survey Made No		26. Type Electric and Other Logs Run Gamma-Ray Sonic, Micro-Log, Laterolog & Moveable Oil Plot	
27. Was Well Cored Yes		28. CASING RECORD (Report all strings set in well)					
CASING SIZE		WEIGHT LB./FT.		DEPTH SET		HOLE SIZE	
8-5/8"		20#		377'		12-1/4"	
4-1/2"		9.5#		4480'		7-7/8"	
CEMENTING RECORD		AMOUNT PULLED		225 sq.		325 sq.	
29. LINER RECORD		30. TUBING RECORD		SIZE		DEPTH SET	
TOP		BOTTOM		SACKS CEMENT		SCREEN	
SIZE		PACKER SET		31. Perforation Record (Interval, size and number) 2 shots each at: 4227, 32, 44, 62, 70, 93, 4304, 16, 26, 36, 49, 72, 85, 4440 & 49.		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. DEPTH INTERVAL 4227-4449 AMOUNT AND KIND MATERIAL USED 3,500 gals. 15% MCA Acid Fracced with 25,000 gals. Lease Oil & 25,000# 20-40 sand	
33. PRODUCTION Date First Production 9-19-65		Production Method (Flowing, gas lift, pumping - Size and type pump) Surabbing		Well Status (Prod. or Shut-in) Prod		Date of Test 9-21-65	
Hours Tested 24		Choke Size -		Prod'n. For Test Period 204		Oil - Bbl. -	
Gas - MCF -		Water - Bbl. 54		Gas - Oil Ratio -		Flow Tubing Press. -	
Casing Pressure -		Calculated 24-Hour Rate 204		Oil - Bbl. -		Gas - MCF -	
Water - Bbl. 54		Oil Gravity - API (Corr.) 24.6		34. Disposition of Gas (Sold, used for fuel, vented, etc.) Vented		Test Witnessed By T. M. Van	
35. List of Attachments Electric Logs, 4 Cores & 1 DST							
36. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief.							
SIGNED H. N. Brown TITLE District Superintendent DATE Sept. 22, 1965							

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Commission not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 30 through 34 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

Northwestern New Mexico

T. Anhy <u>1842</u>	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt <u>1914</u>	T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Salt _____	T. Atoka _____	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates <u>2342</u>	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen <u>3012</u>	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres <u>3575</u>	T. Simpson _____	T. Gallup _____	T. Ignacio Qtzte _____
T. Glorieta _____	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinbry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____	T. Granite _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Delaware Sand _____	T. Entrada _____	T. _____
T. Abo _____	T. Bone Springs _____	T. Wingate _____	T. _____
T. Wolfcamp _____	T. _____	T. Chinle _____	T. _____
T. Penn. _____	T. _____	T. Permian _____	T. _____
T. Cisco (Bough C) _____	T. _____	T. Penn. "A" _____	T. _____

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	125	125	Sand & Caliche				
125	1842	1717	Redbeds & Sand				
1842	3575	1733	Anhydrite, Salt, Gypsum, Sand & Redbeds				
3575	4480	905	Anhydrite, Gypsum & Dolomite				

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

MAR 30 1 01 PM '66

Form C-105
Revised 1-1-65

5a. Indicate Type of Lease	
State ☒	Fee ☐
5. State Oil & Gas Lease No. 2-2734	

1a. TYPE OF WELL OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐		7. Unit Agreement Name
2. TYPE OF COMPLETION NEW ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER ☐		8. Farm or Lease Name Rate 32-7-33
2. Name of Operator Champion Petroleum Company Non-Operator: Warren American Oil Company		9. Well No. 7
3. Address of Operator P. O. Box 1797, Midland, Texas		10. Field and Pool, or Wildcat Chester-San Andres

4. Location of Well UNIT LETTER N LOCATED 660 FEET FROM THE South LINE AND 1980 FEET FROM THE West LINE OF SEC 32 TWP. 7-S RGE. 33-E NMPM		12. County Dodd
--	--	---------------------------

15. Date Spudded 2-22-66	16. Date T.D. Reached 2-27-66	17. Date Compl. (Ready to Prod.) 3-15-66	18. Elevations (DF, RKB, RT, GR, etc.) 4637' GR	19. Elev. Casinghead 4637'
20. Total Depth 4436'	21. Plug Back T.D. 4473'	22. If Multiple Compl., How Many —	23. Intervals Drilled By 0 - 4430	23. Cable Tools
24. Producing Interval(s), of this completion — Top, Bottom, Name 4209 - 4445' San Andres				25. Was Directional Survey Made No
26. Type Electric and Other Logs Run Gamma-Ray Neutron				27. Was Well Cored No

28. CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
3-7/8"	207	378'	12-1/4"	225 sacks	None
4-1/2"	27.78	4436'	7-7/8"	325 sacks	None

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-7/8"	4436'	None

31. Perforation Record (Interval, size and number) 2 - 3/8" Jet shots at each interval: 4209, 4261, 4304, 4320, 4336, 4351, 4339, 4432, & 4445'.	32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. <table border="1"> <tr> <th>DEPTH INTERVAL</th> <th>AMOUNT AND KIND MATERIAL USED</th> </tr> <tr> <td>4209 - 4445'</td> <td>2500 gal. 17% HCl acid</td> </tr> <tr> <td></td> <td>fracked with 40,000 gal. gel</td> </tr> <tr> <td></td> <td>formation water & 40,000 gal.</td> </tr> <tr> <td></td> <td>20-40 sacks.</td> </tr> </table>	DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED	4209 - 4445'	2500 gal. 17% HCl acid		fracked with 40,000 gal. gel		formation water & 40,000 gal.		20-40 sacks.
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED										
4209 - 4445'	2500 gal. 17% HCl acid										
	fracked with 40,000 gal. gel										
	formation water & 40,000 gal.										
	20-40 sacks.										

33. PRODUCTION							
Date First Production 3-22-66		Production Method (Flowing, gas lift, pumping — Size and type pump) pump - 1-1/2" Insert				Well Status (Prod. or Shut-in) Producing	
Date of Test 3-24-66	Hours Tested 24	Choke Size —	Prod'n. For Test Period →	Oil — Bbl. 30	Gas — MCF 15	Water — Bbl. 84	Gas — Oil Ratio 417
Flow Tubing Press. 27	Casing Pressure 45	Calculated 24-Hour Rate →	Oil — Bbl. 30	Gas — MCF 15	Water — Bbl. 84	Oil Gravity — API (Corr.) 24.5	

34. Disposition of Gas (Sold, used for fuel, vented, etc.) Vented	Test Witnessed By J. H. Van
---	---------------------------------------

35. List of Attachments Logs will be mailed under separate cover.

36. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief.		
SIGNED H. H. Brown	TITLE District Superintendent	DATE 3-29-66

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Commission not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 30 through 34 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

Northwestern New Mexico

T. Anhy <u>1864</u>	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt <u>1946</u>	T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Salt _____	T. Atoka _____	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates <u>2332</u>	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen <u>304</u>	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres <u>3072</u>	T. Simpson _____	T. Gallup _____	T. Ignacio Qtzte _____
T. Glorieta _____	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinebry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____	T. Granite _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Delaware Sand _____	T. Entrada _____	T. _____
T. Abo _____	T. Bone Springs _____	T. Wingate _____	T. _____
T. Wolfcamp _____	T. _____	T. Chinle _____	T. _____
T. Penn. _____	T. _____	T. Permian _____	T. _____
T. Cisco (Bough C) _____	T. _____	T. Penn. "A" _____	T. _____

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	120	120	Sand & Caliche				
120	1365	1745	Redbeds & Sand				
1865	3575	1710	Anhydrite, Salt, Gypsum, Sand & Redbeds				
3575	4410	835	Anhydrite, Gypsum & Dolomite				

DISTRIBUTION		
SANTA FE		
FILE		
U.S.G.S.		
LAND OFFICE		
OPERATOR		

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

Form O-100
Revised 1-1-85

3a. Indicate Type of Lease
State ☒ Fee ☐
3. State Oil & Gas Lease No.
K-2734-2

1G. TYPE OF WELL
OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER _____
b. TYPE OF COMPLETION
NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER _____

7. Unit Agreement Name
State 32-7-33
8. Farm or Lease Name

2. Name of Operator
Champlin Petroleum Company
3. Address of Operator
701 Wilco Building Midland, Texas 79701
4. Location of Well

9. Well No.
14
10. Field and Pool, or Wildcat
Chaveroo-San Andres

UNIT LETTER **M** LOCATED **660** FEET FROM THE **South** LINE AND **660** FEET FROM
THE **West** LINE OF SE. **32** TWP. **7-S** RGE. **33-E** NMPM

12. County
Roosevelt

15. Date Spudded **6-23-76** 16. Date T.D. Reached **7-2-76** 17. Date Compl. (Ready to Prod.) **7-14-76** 18. Elevations (DF, RKB, RT, GR, etc.) **4437 GR** 19. Elev. Casinghead **4437**

20. Total Depth **4461** 21. Plug Back T.D. **4417** 22. If Multiple Compl., How Many _____ 23. Intervals Drilled By Rotary Tools **0-4461** Cable Tools _____

24. Producing Interval(s), of this completion - Top, Bottom, Name
4233-4380 San Andres 25. Was Directional Survey Made **No**

26. Type Electric and Other Logs Run
Forxo, Guard & Sidewall Neutron 27. Was Well Cored **No**

28. CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8"	24#	1951	12-1/4"	950	None
4-1/2"	10.5#	4460	7-7/8"	250	None

29. LINER RECORD				30. TUBING RECORD			
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-3/8"	4384	

31. Perforation Record (Interval, size and number)
4233-4380 3-1/3" 19 holes

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4233-4380	2000 gals. 15% DS-30 Acid
4233-4380	50,000 gals. gelled KCL water & 70,000# 20-40 Sand.

33. PRODUCTION
Date First Production **7-15-76** Production Method (Flowing, gas lift, pumping - Size and type pump) **Pump 1 1/2" Rod insert** Well Status (Prod. or Shut-in) **Prod.**
Date of Test **7-17-76** Hours Tested **24** Choke Size _____ Prod'n. For Test Period **43** Oil - Bbl. **43** Gas - MCF **45** Water - Bbl. **101** Gas - Oil Ratio **1047**
Flow Tubing Press. _____ Casing Pressure **60** Calculated 24-Hour Rate **43** Oil - Bbl. **43** Gas - MCF **45** Water - Bbl. **101** Oil Gravity - API (Corr.) **25°**

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

35. List of Attachments
Deviation Survey & Log

36. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief.
SIGNED Walter M. ... TITLE **District Clerk** DATE **July 26, 1976**

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Commission not later than 30 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 30 through 34 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

Northwestern New Mexico

T. Anhy <u>1930</u>	T. Canyon	T. Ojo Alamo	T. Penn. "B"
T. Salt	T. Strawn	T. Kirtland-Fruitland	T. Penn. "C"
T. Salt	T. Atoka	T. Pictured Cliffs	T. Penn. "D"
T. Yates	T. Miss	T. Cliff House	T. Leadville
T. 7 Rivers	T. Devonian	T. Menefee	T. Madison
T. Queen	T. Silurian	T. Point Lookout	T. Elbert
T. Grayburg	T. Montoya	T. Mancos	T. McCracken
T. San Andres <u>512</u>	T. Simpson	T. Gallup	T. Ignacio Qtzite
T. Glorieta	T. McKee	Base Greenhorn	T. Granite
T. Paddock	T. Ellenburger	T. Dakota	T.
T. Blinbry	T. Gr. Wash	T. Morrison	T.
T. Tubb	T. Granite	T. Todilto	T.
T. Drinkard	T. Delaware Sand	T. Entrada	T.
T. Abo	T. Bone Springs	T. Wingate	T.
T. Wolfcamp	T.	T. Chinle	T.
T. Penn.	T.	T. Permian	T.
T. Cisco (Bough C)	T.	T. Penn. "A"	T.

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	1930	1930	Red Beds				
1930	2707	777	Anhydrite & Salt				
2707	3800	1093	Lime & Anhydrite				
3800	4125	325	Lime Dolomite				
4125	4416	291	Dolomite				
4416	4461	45	Lime				
RECEIVED JUL 20 1978 Oil CONSERVATION COMM. DOBBY, H. M.							

ENGINEERING CHART

SHEET NO. 1 OF 1

FILE _____

APPN _____

DATE 1-10-85

BY BDD

SUBJECT Wellbore Schematic

Champlin - STATE 32 Well No. 8

CHAUVERDO (SAN ANDRES) FIELD

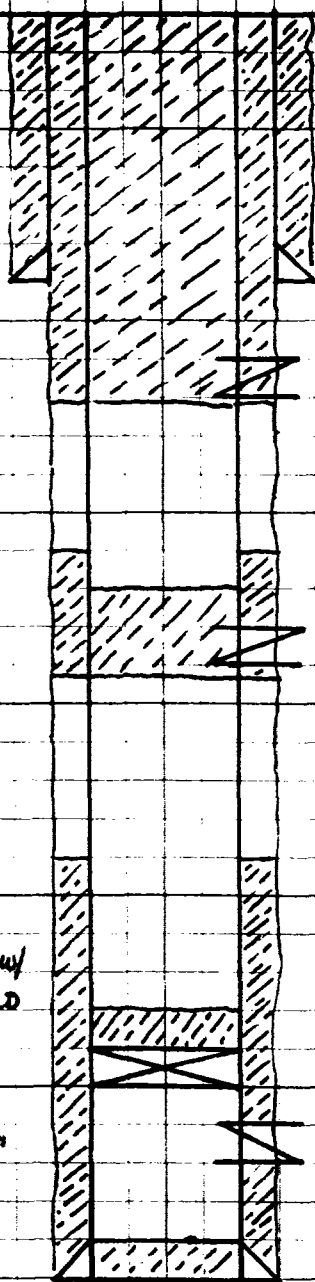
Roosevelt County, New Mexico

P & A Well

DATE OF ABANDONMENT: 2/8/84

LOCATION: 1980' FS 9WL
SEC. 32, T-7-S, R-33-E

DRY HOLE MARKER INSTALLED



12 1/4" Hole

8 5/8", 20#/ft CSA 379' Cement with 250 SACKS. CIRC TO SURFACE

PERFORATIONS 419'-20'. EST. CIRC IN 4 1/2"-8 5/8" ANNULUS. Pump 150 SACKS CEMENT. LEFT 4 1/2" & 4 1/2"-8 5/8" ANNULUS FULL OF CEMENT

TOC TAGGED @ 1558'

PERFORATIONS: 1700'-01'. Pump 30 SACKS CEMENT INTO PERFS

TOC CALCULATED @ 3693' (30% excess)

Hole Displaced w/ 10#/GAL SW MUD

Cement Plug Spot on CIBP. TOC @ 4042' CIBP @ 4100'

Hole Size 7 7/8"

PERFORATIONS: 4214'-4428' (SAN ANDRES)

PBTD 4478'

4 1/2", 9.5#/ft. CSA 4490' CEMENT WITH 325 SACKS

10. TYPE OF WELL OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐						7. Unit Agreement Name									
5. TYPE OF COMPLETION NEW WELL ☐ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER ☐						8. Farm or Lease Name									
2. Name of Operator Non-Operator: Champion Petroleum Company						9. State 2-7-33									
3. Address of Operator Warren American Oil Company						10. Field and Pool, or Wildcat									
4. Location of Well Box 1797, Midland, Texas						11. County Midland									
UNIT LETTER K LOCATED 1980 FEET FROM THE South LINE AND 1570 FEET FROM 1570						12. County Midland									
15. Date Added 2-13-66		16. Date T.D. Reached 3-10-66		17. Date Completed 3-10-66		18. Elevations (DF, RKB, RT, GR) Rootshead									
20. Time of Day 2-13-66		21. Plug Back T.D. 3-10-66		22. If Multiple Compl., Many 3-10-66		23. Rotary Tools Drilled By 4433									
24. Casing Interval(s), of this completion 4214 - 4425' Top, Bottom, Name San Andres						25. Was Drilling Survey Made No									
26. Type Electric and Other Logs Run						27. Was Well Cored									
28. Gamma-Ray Neutron CASING RECORD (Report all strings set in well) No															
CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED										
8-5/8"	20#	379'	12-1/4"	250 sacks	None										
4-1/2"	19.5#	4490'	7-7/8"	325 sacks	None										
29. LINER RECORD				30. TUBING RECORD											
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET								
					2-3/8"	4430'	None								
31. Perforation Record (Interval, size and number)				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.											
2 Jets at each interval - 4214, 4224, 4236, 4246, 4252, 4269, 4292, 4304, 4311, 4324, 4331, 4342, 4373, 4420'.				<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th>DEPTH INTERVAL</th> <th>AMOUNT AND KIND MATERIAL USED</th> </tr> <tr> <td>4214-4425'</td> <td>2500 gal. 15% Acid</td> </tr> <tr> <td></td> <td>50,000 gal. gelled water</td> </tr> <tr> <td></td> <td>40,000# 20-40 Frac Sand</td> </tr> </table>				DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED	4214-4425'	2500 gal. 15% Acid		50,000 gal. gelled water		40,000# 20-40 Frac Sand
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED														
4214-4425'	2500 gal. 15% Acid														
	50,000 gal. gelled water														
	40,000# 20-40 Frac Sand														
33. PRODUCTION															
Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)				Well Status (Prod. or Shut-in)									
Date of 3-18-66		Hours Tested 24		Pump Swabbing		Oil - Bbl. 142 Gas - MCF 17 Water - Bbl. 213 Shut-In - Oil Ratio 100									
Flowing Press.		Casing Pressure		Surface 24-Hour Rate		Oil - Bbl. 142 Gas - MCF 17 Water - Bbl. 213 Oil Grade API (Corr.)									
34. Disposition of Gas (Sold, used for fuel, vented, etc.)				35. Test Witnessed 24.6											
Vented				Raymond Grace											
36. Copy of logs will be sent under separate cover. I certify that the information furnished is true and correct to the best of my knowledge and belief.															
SIGNED 7/77 R. J. Brown		TITLE Manager of Operations		DATE 3-20-66											

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Commission not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 30 through 34 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

Northwestern New Mexico

T. Anhy _____	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt _____ 1365	T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Salt _____ 1947	T. Atoka _____	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates _____	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____ 232?	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____ 300?	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____	T. Simpson _____	T. Gallup _____	T. Ignacio Qtzte _____
T. Glorieta _____ 356?	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinebry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____	T. Granite _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Delaware Sand _____	T. Entrada _____	T. _____
T. Abo _____	T. Bone Springs _____	T. Wingate _____	T. _____
T. Wolfcamp _____	T. _____	T. Chinle _____	T. _____
T. Penn. _____	T. _____	T. Permian _____	T. _____
T. Cisco (Bough C) _____	T. _____	T. Penn. "A" _____	T. _____

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation
0	260	260	Sand & Caliche
260	1560	1600	Redbeds and Sand
1560	3568	1708	Anhydrite, Salt, Gypsum, Sand & Redbeds
3568	4190	922	Anhydrite, Gypsum & Dolomite

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DISTRIBUTION	
TYPE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

NEW MEXICO CONSERVATION COMMISSION

RECEIVED

MAR 19 1984

Form C-103
Supersedes Old
C-102 and C-103
Effective 1-1-83

3a. Indicate Type of Lease	
State ☒	Fee ☐
5. State Oil & Gas Lease No.	
NM10130, NM3934, K2734	

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

1. OIL WELL ☒ GAS WELL ☐ OTHER ☐	7. Unit Agreement Name
2. Name of Operator	State 32-7-33 Unit
3. Address of Operator	8. Farm or Lease Name
P. O. Box 7946 Midland, TX 79708-0946	9. Well No.
4. Location of Well	10. Field and Pool, or Wildcat
UNIT LETTER <u>K</u> <u>1980</u> FEET FROM THE <u>South</u> LINE AND <u>1980</u> FEET FROM	Chaveroo (San Andres)
THE <u>West</u> LINE, SECTION <u>32</u> TOWNSHIP <u>7-S</u> RANGE <u>33-E</u> NMPM.	
15. Elevation (Show whether DF, RT, GR, etc.)	12. County
4443 DF	Roosevelt

16. 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 OPNS. ☐	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 RULE 1-103.

2/6/84 - MIRUSU - RIH w/4-1/2" CIBP on WL & set @ 4100' to abandon San Andres perfs 4214'-4423' - RIH w/tbg OE - TU on plug @ 4100' - displace hole w/10#/gal SW mud - spot 4 sx Class "C" cmt on plug - TOC @ 4042' - TOH w/tbg - RU csq jacks - free point @ ±523' - RIH w/perf gun - perf 4-1/2" csg @ 1700'-1701' (4 holes) - RIH w/tbg to 1761' - spot 40 sx Class "C" cmt in 4-1/2" csg 1761-1182' - POH w/tbg - set 1 jt. tbg in csg - pumped 30 sx cmt into perfs 1700-1701' @ 1/2 BPM & 100 psi - WOC 3 hrs - RIH w/WL - TU on TOC @ 1558' - RIH w/perf gun - perf 4-1/2" csg @ 419-420' (4 holes) - set 1 jt tbg in csg - est circ in 4-1/2" - 8-5/8" annulus - pumped 150 sx Class "C" cmt down 4-1/2" csg & up 4-1/2" - 8-5/8" annulus (8-5/8" csg shoe @ 369') - left 4-1/2" csg & 4-1/2"-8-5/8" annulus full of cmt - POH w/1 jt tbg - cut off braden head - instl dry hole marker - pits will be covered when dried up - RD MUSU 2/8/84
No csg pulled - 4490' 4-1/2" production csg left in hole - 369' 8-5/8" surface csg left in hole.

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

SIGNED Plt. J. L. Lums TITLE Production Engineer DATE 2/15/84

APPROVED BY Ronald M. Cantelero TITLE OIL & GAS INSPECTOR DATE MAR 15 1984
CONDITIONS OF APPROVAL, IF ANY:

SECONDARY RESERVE ESTIMATION
CHAUVEROO (SAN ANDRES) FIELD
CONVERSION OF STATE "5" WELL NO. 5 AND
STATE "5" WELL NO. 1-A

Anticipated Secondary to Primary Ratio: 0.5 to 1.0 ✓

Basis: Production Performance of northern partial patterns.

State "5" Well No. 5:

Average Recovery per well for nine producers within nine spot pattern -
36 MBSTO, 86 MMSCFG, 80 MBW

Cumulative primary production allocated to nine spot - 129.5 MBSTO

Assuming Secondary/Primary Ratio - 1.0 Secondary Reserves - 129.5 MBSTO
- 0.5 - 64.8 MBSTO

Current Production allocated for nine producers in nine spot - 9 BSTO/Day

Anticipated threefold production increase in offsets caused by secondary response based upon production performance of northern injection pattern.

Anticipated delay to achieve response - 0.5 to 1.0 year

State "5" A well No. 1

Average recovery per well for nine producers within nine spot pattern -
34 MBSTO, 72 MMSCFG, 81 MBW

Cumulative primary production allocated to nine spot - 164.8 MBSTO

Assuming Secondary/Primary Ratio - 1.0 Secondary Reserves - 164.8 MBSTO
0.5 82.4 MBSTO

Current Production allocated for nine producers in nine spot - 8 BSTO/Day

Changin 8
8437

RESERVOIR INFORMATION SHEET
CHAUEROO (SAN ANDRES) FIELD
CHAVES AND ROOSEVELT COUNTIES, N.M.

Source: "The Oil and Gas Fields of Southeastern New Mexico" 1966 Supplement
Published by the Roswell Geological Society, Roswell, New Mexico. p. 89

Pay Zone: San Andres

Discovery Well: Champlin Petroleum Co. #1 Hondo State, Sec 32, T-7-S, R-33-E.
Completed 3/20/65

Trap Type: Stratigraphic. Porosity and permeability fails up dip along north
and west margin of the field to provide the trap.

Lithology: Tan to brown, fine to medium crystalline dolomite with scattered
anhydrite inclusions, and vugular, inter-crystalline and fracture
porosity.

Reservoir Data:

Porosity: 6%
Permeability: .7 MD
Initial Water Saturation: 25%
Oil: 26° API, black, sour
Gas: GOR 400 to 1000
Water: 66,600 NA; 27,680 CA, 4860 Mg; 165,600 CL, 200 SO₄
Specific Gravity: 1.174 Resistivity: .035 ohms @ 110°F
Initial Field Pressure: 1340 psi @ +140' datum
Reservoir Temperature: 110°F
Type of Drive: Solution Gas
Approximate average pay: 210' gross, 40' net

Normal Completion Practice: Set casing through pay and selectivity perforate
with one shot per interval. Acidize with 2000 gallons of acid, and
sand fracture with 30,000 gal. of fluid and 30,000 pounds of sand.

Normal Well Spacing: 40 acres

Depth of Bottom or Deepest Fresh Water Zone in Area: 170'

BDD-618.3

Champlin

8437

9

WATER INJECTION OPERATION

CHAVEROO (SAN ANDRES) FIELD
CHAVES AND ROOSEVELT COUNTIES, N.M.

Item VII, Form C-108

- 1) Proposed Daily Rate of Fluid to be Injected: Average: 500 BWPD
Maximum: 1000 BWPD
- 2) System is closed.
- 3) Proposed Pressures: Average: 600 psi
Maximum: 850 psi Note: Equivalent to 0.2 psi/ft.
to the top perforation.
- 4) Source and analysis of injection fluid:

Source for the water is produced San Andres water collected by Champlin Petroleum Company from operated and one non-operated leases within the Chaveroo (San Andres) Field. No compatibility problems are anticipated in the closed injection system. Analysis of produced water is shown in the Reservoir Data Section on the Geological Data and Water Analysis Report is appended.

Appended is an Injection Well Testing Program outlined in an inter-office correspondence from B. D. Davis to D. W. Tally, Jr. dated 10/31/84. This program details the operating procedure for the proposed waterflood.

Champlin 10
8437



A Subsidiary of Union Pacific Corporation

02. DDD

INTER-OFFICE CORRESPONDENCE

TO: D. W. Tally, Jr.

OFFICE: Houston

FROM: B. D. Davis

DATE: 10-31-84

SUBJECT: Injection Well Testing Program
Chaveroo (San Andres) Field
Chaves County, N. M.

Please refer to your memorandum of September 26, 1984 to Mr. R. N. Longoria in which the District's plan to test the new injectors and offset producers in Chaveroo Field is outlined. It is requested that the following program be considered in lieu of your proposal. Your producing well testing program is adequate but it should be noted that there is a fluid level testing program for all the pumping wells in the West Texas District.

A. Start-Up

1. Estimate formation parting pressure and stay 200-300 psi below this pressure.
 - a. If formation parting pressure is known in the vicinity of the well being started on injection, stay 200 psi below lowest known parting pressure.
 - b. If formation parting pressure is not known, estimate formation parting pressure from the instantaneous shut-in pressure from stimulations and stay 300 psi below the estimate.
2. Stabilize at pressure limit for 3 months injection or a water bank radius of 150' whichever occurs first.
3. Obtain a pressure falloff test followed by step rate test.
4. Stabilize at new pressure limit (50 psi below formation parting pressure from step rate test) and obtain a temperature survey.
5. Workover if necessary to correct the injection profile or injectivity.

B. Second Series of Tests

To be done when cumulative injection is twice that at time of initial testing.

1. Obtain a radioactive tracer survey and temperature survey at stabilized injection conditions.
2. Obtain a pressure falloff test after a stabilized injection period to check for fracture length, interwell Kh and skin.
3. Rerun step rate test if pressure falloff test indicates exceptional long fracture lengths.
4. Workover if necessary based upon above information.

CHAMPLIN

11/3/84

C. Completion of Start-Up

To be done when cumulative injection is 3 times that at time of initial testing.

1. Obtain a pressure falloff test after a stabilized injection period.
2. Step rate test to determine pressure limit. Stabilize at 50 psi below the formation parting pressure.

D. Maintain a plot of injectivity index versus cumulative injected to determine anomalous behavior.

E. Periodic Testing

- 1) Obtain a pressure falloff test every 3 years on each injector.
- 2) Run step rate test as appropriate since formation parting pressure increases with cumulative injection.
- 3) Annual temperature surveys on all injectors.
- 4) Tracer profiles after workovers or temperature survey shows major changes.

If you have questions or comments please advise.

B. D. Davis
B. D. Davis
Staff Engineer

BDD:va

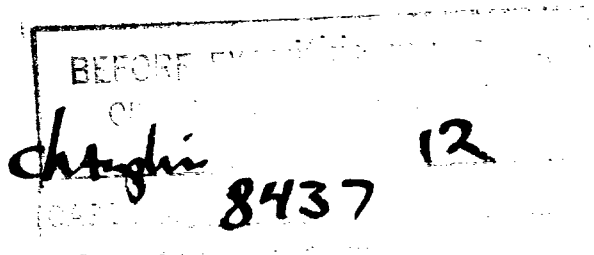
Concur: *R. N. Longoria* 11/6/87
R. N. Longoria

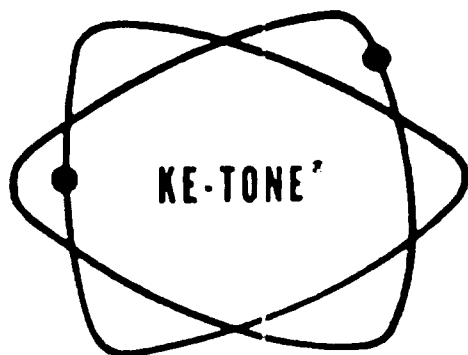
cc: J. K. Applegath
R. N. Longoria
W. B. Johnston
K. W. Lewis
T. J. Gilblom
BDD-617

PROPOSED STIMULATION PROGRAM
CONVERSION OF STATE 5 "A" NO. 1
AND STATE 5 WELL NO. 5
TO INJECTORS

Each well will be treated with 500 gallons 15% HCL Acid and 500 gallons Xylene to remove wellbore and near wellbore damage.

BDD-618.4





UNITED CHEMICAL CORPORATION

OF NEW MEXICO

601 NORTH LEECH

P. O. BOX 1499

HOBBS, NEW MEXICO 88240

Company Champlin Petroleum, Midland, Texas

Field Chavaroo - San Andres

Lease State 32 #14

Sampling Date 3-23-77

Type of Sample Wellhead

WATER ANALYSIS

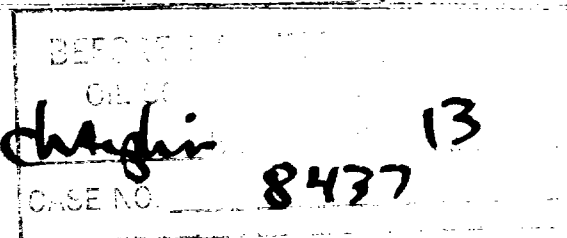
IONIC FORM	me/l *	mg/l *
Calcium (Ca++)	1,060.00	21,200
Magnesium (Mg++)	576.00	6,912
Sodium (Na+) (CALCULATED)	2,697.73	62,021
Iron (Total)		1.38
Bicarbonate (HCO ₃ -)	8.20	500
Carbonate (CO ₃ -)	Not	Found
Hydroxide (OH-)	Not	Found
Sulphate (SO ₄ -)	10.93	525
Chloride (Cl-)	4,314.60	153,000
Total Dissolved Solids		244,158
6.35 ph c 68 °F		
Dissolved Solids on Evap. at 103° - 105° C		
Hardness as Ca CO ₃	1,636.00	81,000
Carbonate Hardness as CaCO ₃ (temporary)	8.20	410
Non-Carbonate Hardness as CaCO ₃ (permanent)	1,627.80	81,390
Alkalinity as CaCO ₃	8.20	410
Specific Gravity c 68° F 1.162		

* mg/l = milligrams per Liter

* me/l = milliequivalents per Liter

CaCO₃ Scaling Index Positive @ 86°F (+1.93)

CaSO₄ Scaling Index Negative (-0.36)





JIM BACA
COMMISSIONER

State of New Mexico



Commissioner of Public Lands

December 20, 1984

HOUSTON REGION

DEC 26 1984

PRODUCTION OFFICES
DEPARTMENT

P.O. BOX 1148
SANTA FE, NEW MEXICO 87504-1148

Express Mail Delivery Use:
310 Old Santa Fe Trail
Santa Fe, New Mexico 87501

Champlin Petroleum Company
Four Allen Center
Suite 1500
1400 Smith Street
Houston, Texas 77002

Re: Secondary Recovery Operations
Section 32, T-7S, R-33E and
Section 5, T-8S, R-33E

Attn: Mr. J. R. Carter, Jr.

Gentlemen:

In connection with New Mexico Oil Conservation Division Case No. 8437 to be heard January 16, 1985, this is to advise the beneficiaries of the above lands are as follows:

T-7S - R-33E

Section 32: All - Beneficiary - Common Schools (ROOSEVELT County)

T-8S - R-33E

Section 5: All - Beneficiary - University (CHAVES County)

If you have any further questions, do not hesitate to call on us.

Very truly yours,

Jim Baca
Commissioner of Public Lands

Ray D. Graham
By: Ray D. Graham, Director
Oil and Gas Division
A/C 505-827-5744

JB:RDG:cw

cc: Mr. Gilbert Quintana, Examiner
New Mexico Oil Conservation Division
Santa Fe, New Mexico 87501

Champlin
8437 14



A Subsidiary of
Union Pacific Corporation

November 6, 1984

State of New Mexico
State Capital
Santa Fe, New Mexico 87501

Re: Champlin Petroleum Company
State "5A" Well No. 1
Chaveroo - San Andres Pool
Chaves County, New Mexico

Gentlemen:

Champlin Petroleum Company proposes to convert the subject well, located in Unit C of Section 5, T-8-S, R-33-E, Chaveroo-San Andres Pool, Chaves County, New Mexico, to water injection. Attached for your review is a copy of Application Form C-108 and an area plat.

If you, as surface owner, have no objection to this application, please execute two copies of this letter, forwarding one copy to the New Mexico Oil Conservation Commission in Santa Fe, New Mexico and returning one copy to our Midland office. Included for your convenience are pre-addressed envelopes.

Yours very truly,

CHAMPLIN PETROLEUM COMPANY

Donald W. Tally, Jr.

D. W. Tally, Jr.
Senior Engineer
DWT:ld
Attachments

Approved:

Company: *NM Game and Fish*

By: *Monty Woody*

Date: *1-14-85*

Champlin Petroleum Company
P.O. Box 7946
Midland, Texas 79708-0946
915/697-4004



A Subsidiary of
Union Pacific Corporation

November 6, 1984

RECEIVED

NOV 29 1984

Sun Exploration and Production Co.
P. O. Box 2339
Hobbs, New Mexico 88240

**CHAMPLIN PETRO. CO.
WEST TEXAS DIST.**

Re: Champlin Petroleum Company
State "5A" Well No. 1
Chaveroo - San Andres Pool
Chaves County, New Mexico

Gentlemen:

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Yours very truly,

CHAMPLIN PETROLEUM COMPANY

Donald W. Tally, Jr.

D. W. Tally, Jr.
Senior Engineer
DWT:ld
Attachments

Approved:

Company: SUN EXPLORATION & PRODUCTION CO.

By: *Carol A. Burton*

Date: 11-27-84

Champlin Petroleum Company
P.O. Box 7946
Midland, Texas 79708-0946
915/697-4004

November 6, 1984

ASS
JAC

State I

cc: J.R. Carter

Wiser Oil Co.
904 Building of the Southwest
Midland, Texas 79701

HOUSTON REGION

DEC 20 1984

PRODUCTION SERVICES
DEPARTMENT

Re: Champlin Petroleum Company
State "5A" Well No. 1
Chaveroo - San Andres Pool
Chaves County, New Mexico

Gentlemen:

Champlin Petroleum Company proposes to convert the subject well, located in Unit C of Section 5, T-8-S, R-33-E, Chaveroo-San Andres Pool, Chaves County, New Mexico, to water injection. Attached for your review is a copy of Application Form C-108 and an area plat.

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Yours very truly,

CHAMPLIN PETROLEUM COMPANY

Donald W. Tally, Jr.

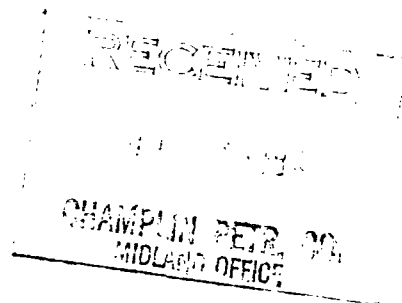
D. W. Tally, Jr.
Senior Engineer
DWT:ld
Attachments

Approved:

Company: *The Wiser Oil Co*

By: *Herbert L. Halder*

Date: *11-15-84*





A Subsidiary of
Union Pacific Corporation

November 7, 1984

Subcliff

State of New Mexico
State Capitol
Santa Fe, New Mexico 87501

Re: Champlin Petroleum Company
State 5-8-33 Well No. 5
Chaveroo - San Andres Pool
Chaves County, New Mexico

Gentlemen:

Champlin Petroleum Company proposes to convert the subject well, located in Unit G of Section 5, T-8-S. R-33-E, Chaveroo-San Andres Pool, Chaves County, New Mexico, to water injection. Attached for your review is a copy of Application Form C-108 and an area plat.

If you, as surface owner, have no objection to this application, please execute two copies of this letter, forwarding one copy to the New Mexico Oil Conservation Commission in Santa Fe, New Mexico and returning one copy to our Midland office. Included for your convenience are pre-addressed envelopes.

Yours very truly,

CHAMPLIN PETROLEUM COMPANY

Donald W. Tally, Jr.

D. W. Tally, Jr.
Senior Engineer
DWT:ld
Attachments

Approved:

Company: *NM Game & Fish Department*

By: *Monty Woody*

Date: *12/10/84*



Champlin Petroleum Company
P.O. Box 7946
Midland, Texas 79708-0946
915/697-4004

November 7, 1984

*MS
JRC*

*NW of
State A*

cc: J.R. Carter

Wiser Oil Co.
904 Building of the Southwest
Midland, Texas 79701

Re: Champlin Petroleum Company
State 5-8-33 Well No. 5
Chaveroo - San Andres Pool
Chaves County, New Mexico

HOUSTON REGION

DEC 20 1984

PRODUCTION SERVICES
DEPARTMENT

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CHAMPLIN PETROLEUM COMPANY

Donald W. Tally, Jr.

D. W. Tally, Jr.
Senior Engineer
DWT:ld
Attachments

Approved:

Company: *The Wiser Oil Co*

By: *Herbert L. Holder*

Date: *11-15-84*