

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

5. LEASE DESIGNATION AND SERIAL NO.

NM-0557822

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Allied Chemical Fed

9. WELL NO.

2

10. FIELD AND POOL, OR WILDCAT

Carlsbad South

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

Sec. 3-24S-26E

12. COUNTY OR PARISH

Eddy

13. STATE

NM

1a. TYPE OF WORK

DRILL ☐

DEEPEN ☐

PLUG BACK ☒

b. TYPE OF WELL

OIL
WELL ☐

GAS
WELL ☒

OTHER

SINGLE
ZONE ☐

MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

Union Texas Petroleum Corp. ✓

3. ADDRESS OF OPERATOR

P.O. Box 2120, Houston, Texas 77252-2120

RECEIVED

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

At surface.

Unit "E" 660' FWL & 1980' FNL

AUG 01 '88

At proposed prod. zone

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

17 miles South Carlsbad, NM

ARTESIA OFFICE

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drig. unit line, if any)

660

16. NO. OF ACRES IN LEASE

320

17. NO. OF ACRES ASSIGNED
TO THIS WELL

320

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

2640

19. PROPOSED DEPTH

3450

20. ROTARY OR CABLE TOOLS

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

3555

22. APPROX. DATE WORK WILL START*

08/01/88

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17	13-3/8	48#	494	450 sx
12	8-5/8	36#	5450	2600 sx
7-7/8	5-1/2	17 & 20#	11936	750 sx

Recompletion procedure attached.

RECEIVED
JUL 20 9 17 AM '88

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

24.

SIGNED

[Signature]

Regulatory Permit Coordinator

TITLE

DATE

07/18/88

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

7-27-88

CONDITIONS OF APPROVAL, IF ANY:

OTHER, MINERAL RESOURCES

*See Instructions On Reverse Side

ALLIED CHEMICAL FEDERAL #2
WORKOVER TO ABANDON WELL BELOW INTERMEDIATE CASING
AND RECOMPLETE IN THE DELAWARE.

1. MIRUSU.
2. Remove wellhead and install bop.
3. Set CIBP @ $\pm 6400'$ (as deep as possible) on wireline atop 2 7/8" tubing stub. Cap with cement.
4. Freepoint and cut off 5 1/2" casing.
5. Pull casing. Set cement plug at top of cut-off 5 1/2" casing if top is below 5450'. Set cement plug in 8 5/8" casing @ 5450'.
6. Perforate Delaware sand, two shots per foot from 3457' to 3478'.
7. TIH w/tubing and packer. Break down perforations with 500 gallons 15% HCl and ball sealers.
8. Swab back acid load. POH w/tubing and packer.
9. TIH w/production tubing, rods and pump.
10. Hook up rented pumping unit w/gas engine and LPG tank. Start pumping to rental tanks.

0020.JCS
\nda

UNION TEXAS PETROLEUM

FIELD: Cardsbad, South
 LEASE: Allied Chemical Federal WELL NO. 2
 DATE: 7/18/88 SPUDDED: 4/28/76 COMP. 6/30/76
 ELEV: GL @ 3355.5', KB @ 3368.5' (13' above GL)
 LOCATION: Unit Letter E, 1980' ENL & 660' FWL
of Section 3, T-24-S, R-26-E,
Eddy County, New Mexico

current

13 3/8" 48 #H-40
CSG. @ 494' w/ 500 sx. Class "C"
17 1/2" HOLE TOC @ surface (circ. 75 sx)

8 5/8" 24 # 32 # CSG @ 5450' w/ 2600 sx.

12 1/4" HOLE TOC @ 1240' by Temp Survey

← P TOC from attempt to squeeze casing leak.

Guiberson Type A Cmt Retainer @ 6950'

Casing Leak from 7108' to 7139'. Squeeze with 650 sx cmt, underneath a Guiberson Type A cmt retainer set at 6950'.

Pull uphole 5 stands after squeezing and SI. Found tbg stuck next day. Abandoned recovery attempt after drilling 100% metal after 6 days. Suspect collapsed casing. PBTD is 6410'.

Guiberson RBP @ 11,407' w/ 2 sx sand on top

Guiberson Uni-Pkr VI set @ 11,534' w/ Guiberson on-off tool with 1.81" profile at 11,525'

Perfs: 11,566'-576' (4 js pf)

Howco Cmt retainer @ 11,640' w/ 5' of cement on top

Perfs: 11,650'-658', Spd N-80

5 1/2" 17 # 20 # CSG. @ 11,936' w/ 750 sx. Class "H"

7 3/8" HOLE TOC @ 9800' by Temp Survey

TD 11,936'
 PBTD 6410'

J. Sells