

DATE IN 4-27-10	SUSPENSE	ENGINEER WJ	LOGGED IN 4-27-10	TYPE SWD	APP NO. 1011751301
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ABOVE THIS LINE FOR DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION

- Engineering Bureau -

1220 South St. Francis Drive, Santa Fe, NM 87505



D.C. Energy

Crosby Deep 3

ADMINISTRATIVE APPLICATION CHECKLIST

30-025-11870

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

Application Acronyms:

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

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

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

Check One Only for [B] or [C]

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

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

[D] Other: Specify _____

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

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

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

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

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

Print or Type Name

Signature

Title

Date

e-mail Address

APPLICATION FOR AUTHORIZATION TO INJECT

- I. PURPOSE: Secondary Recovery Pressure Maintenance ☒ Disposal Storage
Application qualifies for administrative approval? X Yes No
- II. OPERATOR: D C ENERGY LLC
ADDRESS: 105 OSCAR LANE, DALLAS, GEORGIA 30132
CONTACT PARTY: DAN JOHNSON PHONE: 770-757-3715
- 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. See attached exhibits and schematics
- 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. See attached maps.
- 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. See attached data and tabulations
- VII. Attach data on the proposed operation, including:
1. Proposed average and maximum daily rate and volume of fluids to be injected;
 2. Whether the system is open or closed;
 3. Proposed average and maximum injection pressure;
 4. Sources and an appropriate analysis of injection fluid and compatibility with the receiving formation if other than reinjected produced water; and,
 5. If injection is for disposal purposes into a zone not productive of oil or gas at or within one mile of the proposed well, attach a chemical analysis of the disposal zone formation water (may be measured or inferred from existing literature, studies, nearby wells, etc.).
- *VIII. Attach appropriate geologic data on the injection zone including appropriate lithologic detail, geologic name, thickness, and depth. Give the geologic name, and depth to bottom of all underground sources of drinking water (aquifers containing waters with total dissolved solids concentrations of 10,000 mg/l or less) overlying the proposed injection zone as well as any such sources known to be immediately underlying the injection interval.
- IX. Describe the proposed stimulation program, if any. None planned
- *X. Attach appropriate logging and test data on the well. (If well logs have been filed with the Division, they need not be resubmitted).
- *XI. Attach a chemical analysis of fresh water from two or more fresh water wells (if available and producing) within one mile of any injection or disposal well showing location of wells and dates samples were taken.
- XII. Applicants for disposal wells must make an affirmative statement that they have examined available geologic and engineering data and find no evidence of open faults or any other hydrologic connection between the disposal zone and any underground sources of drinking water.
- XIII. Applicants must complete the "Proof of Notice" section on the reverse side of this form.
- XIV. Certification: I hereby certify that the information submitted with this application is true and correct to the best of my knowledge and belief.
- NAME: DAN JOHNSON TITLE: MANAGING MEMBER
SIGNATURE: Dan Johnson DATE: 4-12-2010
E-MAIL ADDRESS: DANJEID8@YAHOO.COM
- * If the information required under Sections VI, VIII, X, and XI above has been previously submitted, it need not be resubmitted. Please show the date and circumstances of the earlier submittal: See application on SWD 240-A of 1/9/2010

INJECTION WELL DATA SHEET

OPERATOR: D C ENERGY LLCWELL NAME & NUMBER: CROSBY DEEP # 3
WELL LOCATION: 1980' FSL & 1980' FEL
FOOTAGE LOCATION

API 30-025-11870

J

UNIT LETTER

33

SECTION

25S

TOWNSHIP

37E

RANGE

WELLBORE SCHEMATIC: SEE ATTACHMENTSWELL CONSTRUCTION DATASurface CasingHole Size: 16 1/4" Casing Size: 13 3/8" 48#Cemented with: 500 sx. or ft³Top of Cement: SURFACE Method Determined CIRCULATEDIntermediate CasingHole Size: 11 7/8" Casing Size: 9 5/8" 36#Cemented with: 858 + 1/4 # flow seal or ft³
sx.Top of Cement: SURFACEMethod Determined: CIRCULATEDProduction CasingHole Size: 9 7/8" Casing Size: 7"Cemented with: 400 sx. Reg. cmt + 300sx or ft³
1:1 posimixTop of Cement: 3316'Method Determined: CalculatedTotal Depth: Original 8285 w/23' open
hole. Present TD is 8675'Injection IntervalFusselman formation Perfs set at 8657' to 8695' (26 holes) Devonian Formation
top @ 8142' Perfs squeezed with 200 sx cmt. To 8180

INJECTION WELL DATA SHEETTubing Size: 2 7/8" Lining Material: Plastic linerType of Packer: Baker model AD-1Packer Setting Depth: 8567'Other Type of Tubing/Casing Seal (if applicable): NoneAdditional Data

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

If no, for what purpose was the well originally drilled? Well was originally a gas well in the Devonian an oil well in the Fusselman with dual completion in the McKee sands all in the Crosby Devonian, Fusselman and McKee pools

2. Name of the Injection Formation: Fusselman

3. Name of Field or Pool (if applicable): Crosby

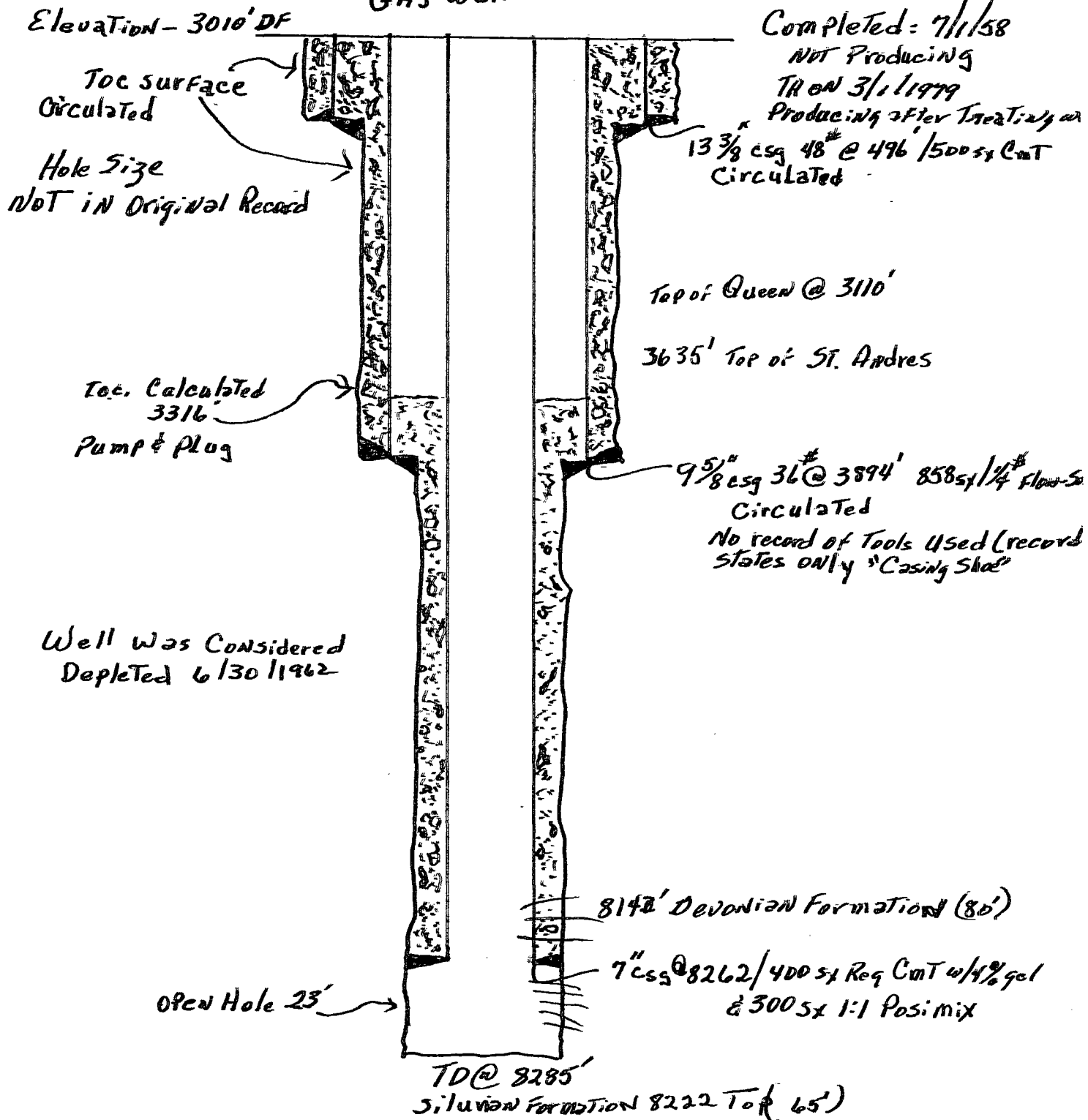
4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e. sacks of cement or plug(s) used. McKee formation 9641' to 9720' closed off with CIBP set @ 9595' but not able to set Cmt. On top as bailer would not allow entry into the 4 1/2" CSG. CIBP also set at 8675' to isolate the Fusselman perfs. The Devonian perfs from 8142' were squeezed with 250 sx cmt.

5. Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area:
Overlying zones are; Silurian – Oil top @ 8222' (65'); Devonian-gas and oil top @ 8142'; Woodford-gas and oil @ 7926'; Mississippian –oil and gas @ 7740'; Detrital – gas and oil top @ 7702'; Glorietta – Gas @ 5076'; St. Andres – oil top 3635'; Queen – oil and gas top @ 3110'; Seven Rivers – gas top @ 2802'; Yates – gas top @ 2511'; Tansill- gas top @ 2304'; Salado- salt and brine top @ 1140'; Rustler – salt water and some gas top @ 918'. Underlying zones are: Montoya – oil and gas tops @ 8924'; Simpson- oil top @ 9256'; McKee – gas top @ 9663'; Ellenburger – gas and oil top at 10,115'.

CX HIB 11
WELL BORE SCHEMATIC Crosby Deep #3
1st Completion 7/2/58

ULSTR J- Sec. 33 T25S R37E 1980' FSL & FEL API 30-025-1
LEA County N.M. O.C. ENERGY 11870

~~Oil Well~~ Crosby - Devonian Gas Pool
GAS Well



WELL Bore Schematic of Crosby-Deep #3

After 2nd Completion - Dual 8/14/74

D.C. ENERGY L.L.C.

Well - Crosby-Fusselman
Oil & Gas mskoe Sands API-30-02
11870

ULSTR J-Sec33, T205, R3, E
1980' FSL & FEL

Elevation
3010' DF

Completed Deepening

8/14/74

Perfs of Fusselman

8657'-688' 8682'-95'

26 holes

2 3/8" Tubing

Kobe Bottom Hole Assembly
(30' above "FA" Packer)

Model "FA" Packer of 7800' w/Dual
Flow Tube

Fusselman (Oil)
Perfs. 8657'-8695' (26 Holes)

McKee (Gas)
Perfs. 9641'-9720' (34 Holes)

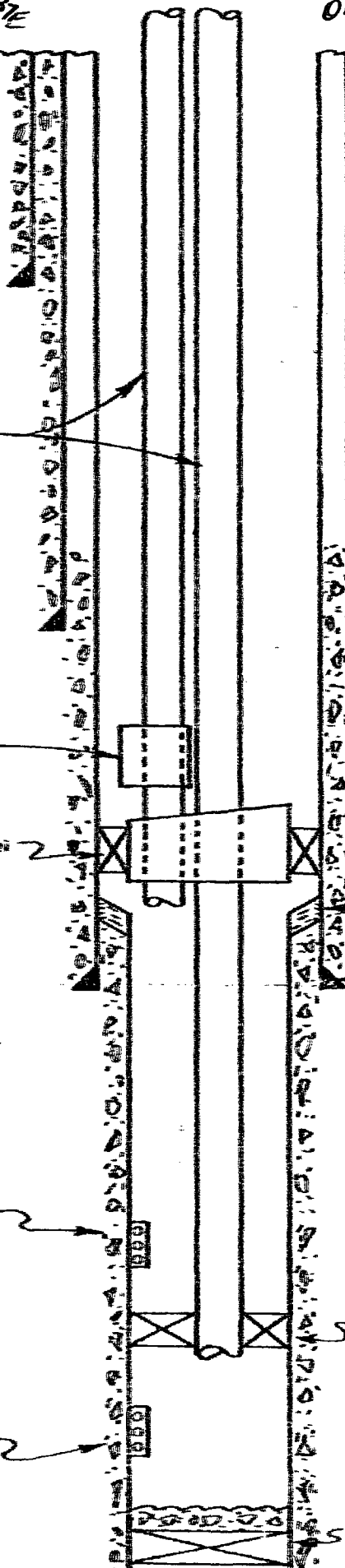
Squeezed Devonian Perfs.
8122'-8180' / 2005' Cmt

Top 4 1/2" Lnz at 7917' to 10,102'

Model "D" Packer of 9600'

To @ 10,115' Ellenburger formation

CIBP at 10,080' Capped w/20 sz.



WELL Bore SCHEMATIC of Crosby Deep #3

PRESENT Completion & STATUS (TA) CONVERT TO SWD

oil & Gas Well
~~ULSTR~~ J, Sec. 33, T25S, R37E 1980' FSL & FEL Crosby Fusselman Pool

API 30-025-11870

D.C. ENERGY L.L.C.

Elevation 3010' DF

Completed 7/1/58

Recomplete (Dual)

8/14/74

TA 3/1/79

Never Producing Again
 TA Continued Since
 That Time 3/1/79

13 3/8" CSG @ 496', 500' x CMT
 Circulated

TOPS OF FORMATIONS

TANSHILL - 2304'

YATES - 2511'

Seven Rivers - 2802'

Queen - 3110'

San Andres - 3635'

Glorietta - 5096'

DeTrital - 7702'

Mississippian - 7740'

Woodford - 7926'

TOC @ 3295' Calculated

9 5/8" CSG @ 3894', 858' x CMT
 To Surface - Visual Confirm
 Circulated

7" CSG SET @ 8262', 700' x CMT

Top of CMT @ 7917
 Squeezed - Calculated

4 1/2" @ 7917 to 10,102
 250' x CMT TOP Calculated
 TOPS

Devonian Formation 8142'
 Silurian Formation 8222'
 Fusselman Formation 8640'

Set CIBP @ 8675'
 6/21/76

Plug set @ 8729'

Single Trip
 Packer set @ 9520'

Fusselman Perfs 8657' - 8695'
 (26 Holes)

4 1/2" Liner

CIBP @ 9595' NOT ~~Abd.~~ To SPOT CMT
 Bailer would allow

3 7/8" Ann 53' open hole
 TO THE Ellenburger

Make
 Perfs (34 holes)
 9641' - 9720'

CIBP @ 10,080'

TD @ 10,115' TOP OF Ellenburger Formation

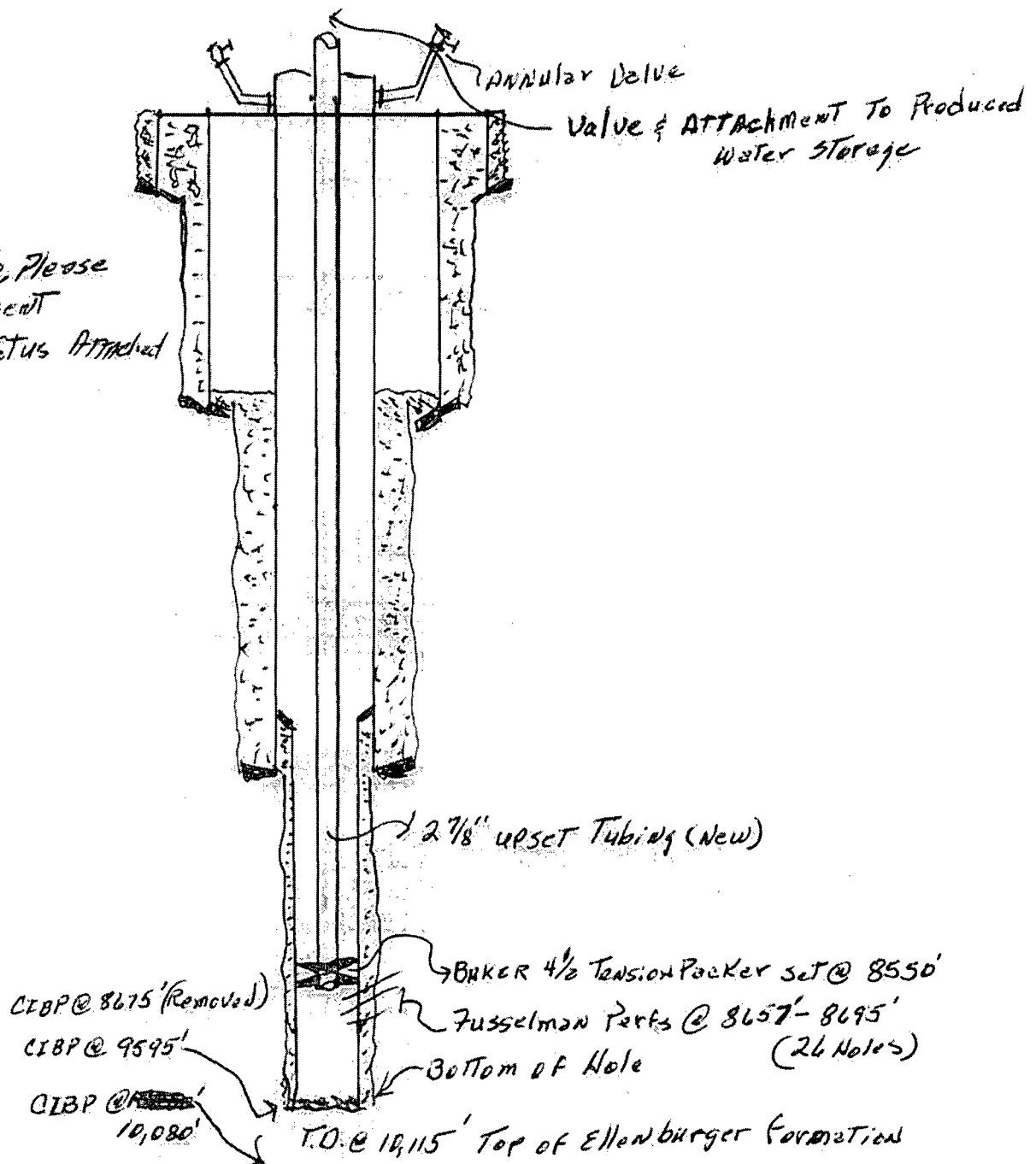
Well Bore Schematic of Crosby Deep #3
ULSTR J; Sec. 33, T25S, R37E

D.C. ENERGY L.L.C.

API 30-025-11870

CONVERTED TO SWD. TO ACCEPT PRODUCED WATER
5/2010

for other info, please
Refer to Present
Completion Status Attached



UNIT. STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See other
instructions on
reverse side)Form approved,
Budget Bureau No. 42-B355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other _____				5. LEASE DESIGNATION AND SERIAL NO. LC-054667	
2. TYPE OF COMPLETION: NEW WELL ☐ WORK OVER ☐ DEEP-EN ☒ PLUG BACK ☐ DEEP-RESER. ☒ Other _____				6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR UNION TEXAS PETROLEUM CORPORATION				7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR 1300 Wilco Building, Midland, Texas 79701				8. FARM OR LEASE NAME Crosby Deep	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface Unit Letter "J", 1980' FSL & 1980' FEL At top prod. interval reported below At total depth				9. WELL NO. 3	
14. PERMIT NO. _____ DATE ISSUED 1-30-74				10. FIELD AND POOL, OR WILDCAT McKee Sand	
15. DATE SPUDDED 4-13-58				11. SEC., T., R., N., OR BLOCK AND SURVEY OR AREA Sec. 33, T-25-S; R-37-E	
16. DATE T.D. REACHED 7-27-74				12. COUNTY OR PARISH Lea	
17. DATE COMPL. (Ready to prod.) 8-14-74				13. STATE New Mexico	
18. ELEVATIONS (OF. RKB, RT, GR, ETC.)* 3010' DF				19. ELEV. CASINGHEAD	
20. TOTAL DEPTH, MD & TVD 10,155'		21. PLUG BACK T.D., MD & TVD 10,060'		22. IF MULTIPLE COMPL., HOW MANY* Two	
23. INTERVALS DRILLED BY 0-10,155'				24. ROTARY TOOLS 0-10,155'	
25. CABLE TOOLS				26. WAS DIRECTIONAL SURVEY MADE No	
27. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 9641 to 9720' McKee Sand				28. TYPE ELECTRIC AND OTHER LOGS RUN Composite Dual Laterolog and Dual Induction	
29. CASING RECORD (Report all strings set in well)				30. WAS WELL CORED No	
CASING SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)	
13 3/8"		48#		496'	
9 5/8"		36#		3894'	
7"		23# & 26#		8262'	
HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED	
NA		500 Sx.		Circ.	
NA		858 Sx.		Circ.	
NA		700 Sx.			
31. LINER RECORD				32. TUBING RECORD	
SIZE		TOP (MD)		SIZE	
4 1/2"		7917'		2 3/8"	
BOTTOM (MD)		SACKS CEMENT*		DEPTH SET (MD)	
10,102'		250 Sx.		9600'	
PACKER SET (MD)				9600'	
33. PERFORATION RECORD (Interval, size and number) MCKEE SAND ZONE 1 JSPF 9641-52', 9672-86', 9714-20' Total 34 holes				34. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. DEPTH INTERVAL (MD) SEE PAGE #1 AMOUNT AND KIND OF MATERIAL USED NOTE: DID NOT ACIDIZE MCKEE SAND ZONE	
35. MCKEE SAND ZONE PRODUCTION				36. TEST WITNESSED BY Frank K. Vasseur	
DATE FIRST PRODUCTION 8-3-74		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing		WELL STATUS (Producing or shut-in) Shut-In	
DATE OF TEST 8-4-74		HOURS TESTED 24		CHOKE SIZE 16/64	
FLOW. TUBING PRESS. 2,300		CALCULATED 24-HOUR RATE 3,400		OIL—RBL. 3,400	
CASING PRESSURE ---		OIL—MCF. ---		WATER—RBL. ---	
DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Will be Sold		OIL GRAVITY-API (CORR.) ---		GAS-OIL RATIO ---	
37. LIST OF ATTACHMENTS Electric Log, C-122 (Multi-Point Back Pressure Test)				38. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records	
SIGNED Stanley R. Galt		TITLE Gas Measurement Analyst		DATE 9-5-74	

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

UNIT STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRIPlicate
(Other instructions
verse side)Form approved.
Budget Bureau No. 42-B1424.

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. ☐ OIL WELL ☐ GAS WELL ☒ OTHER		5. LEASE DESIGNATION AND SERIAL NO. LC-054667	
2. NAME OF OPERATOR UNION TEXAS PETROLEUM CORPORATION		6. IF INDIA, ALLOTTEE OR TRIBE NAME	
3. ADDRESS OF OPERATOR 1300 Wilco Building, Midland, Texas 79701		7. UNIT AGREEMENT NAME	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface		8. FARM OR LEASE NAME Grasby Deep	
10. FIELD AND POOL, OR WILDCAT Grasby (McKee)		9. WELL NO. 3	
11. SEC. T. R. M. OR BLM. AND SURVEY OR AREA Sec. 33, T-25-S, R-37-E		12. COUNTY OR PARISH Lea	
13. STATE New Mexico		14. PERMIT NO.	
15. ELEVATIONS (Show whether DF, RT, CR, etc.) 3010' DF		16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data	

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDON*

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

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

1. May 20, 1976, re-entered well and pulled McKee & Fusselman tubing, Model FA Seal Assembly and Baker Cross-Over.
2. May 24, 1976, ran tubing & Model "R" single grip packer and set @ 9520'.
3. May 25, 1976, swbd. well from 2000' to 3200'. Ran temperature survey & found fluid entering perms. 9641 to 9720'.
4. May 27, 1976, set CIBP @ 9595'. Attempted to set 20' cmt. plug on top of BP, but was unable to get in liner w/dump bailer.
5. McKee Zone of this well is now plugged and we will produce only from the Fusselman Zone.

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

SIGNED

TITLE Gas Measurement Analyst

DATE 6-21-76

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

ACCEPTED FOR RECORD

JUN 23 1976

J. S. GEOLOGICAL SURVEY
HOBBS, NEW MEXICO

*See Instructions on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRIPPLICATE
(Other instructions re-
verse side)Form approved
Budget Bureau No. 43-R1424

5. LEASE DESIGNATION AND SERIAL NO.

LC-054667

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Crosby Deep

9. WELL NO.

3

10. FIELD AND POOL, OR WILDCAT

Undesignated

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

Sec. 33, T-25-S, R-37-E

12. COUNTY OR PARISH 13. STATE

Lea

New Mexico

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)1. OIL WELL ☒ GAS WELL ☐ OTHER

2. NAME OF OPERATOR

UNION TEXAS PETROLEUM CORPORATION

3. ADDRESS OF OPERATOR

1300 Wilco Building, Midland, Texas 79701

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surfaceUnit Letter "J", 1980' FS & EL
(Formerly Gregory El Paso Federal #3 - Temporarily Abandoned)

14. PERMIT NO.

15. ELEVATIONS (Show whether SF, ST, GR, etc.)

3010' DF

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other) Deepen & Perforate

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

X

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other) Deepen & Perforate

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

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

X

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

1. Deepened well from original TD 8285' to TD 10,115' (6 1/8" hole)
2. Ran 4 1/2" liner from 7917' to 10,102' and cemented w/250 sx. Class "H" cement.
3. Drill 3 7/8" hole to TD 10,155' (Open Hole)
4. Logged well August 4, 1974.
5. Perforated Fusselman Zone 8657 to 8695' (26 holes)
6. Perforated McKee Sand Zone 9641 to 9720' (34 holes)
7. Preparing to acidize & test Fusselman and McKee Sand Zones.

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

SIGNED

Stanley A. Pitt

TITLE Gas Measurement Analyst

DATE August 7, 1974

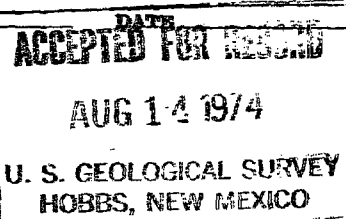
(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

*See Instructions on Reverse Side



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRIPLICATE
(Other Instructions on
reverse side)Form No. 43-E1424
Revised

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL ☒ GAS WELL ☐ OTHER ☐		5. LEASE DESIGNATION AND SERIAL NO. LC-054667	
2. NAME OF OPERATOR Union Texas Petroleum Corporation		6. IF INDIAN, ALLOTTEE OR TRUST NAME	
3. ADDRESS OF OPERATOR 1300 Wilco Building, Midland, Texas 79701		7. UNIT AGREEMENT NAME	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface		8. FARM OR LEASE NAME Crosby Deep	
Unit Letter "J", 1980' FSL & 1980' FEL		9. WELL NO. 3	
14. PERMIT NO.		10. FIELD AND POOL, OR WILCOAT Crosby Fusselman and McKee Sand	
15. ELEVATIONS (Show whether DF, RT, CR, etc.) 3010' DF		11. SEC., T., R., N., OR BLK. AND SURVEY OR ARMA Sec. 33, T-25-S, R-37-E	
		12. COUNTY OR PARISH Lea	
		13. STATE New Mexico	

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FILL OR ALTER CASING

WATER SHUT-OFF

REPAIRING WELL

FRACTURE TREAT

MULTIPLE COMPLETE

FRACTURE TREATMENT

ALTERING CASING

SHOOT OR ACIDIZE

ABANDON*

SHOOTING OR ACIDIZING

ABANDONMENT*

REPAIR WELL

CHANGE PLANS

(Other) To correct 9-331 dated 8-7-74

(Other)

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

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

On the form 9-331 filed August 7, 1974, we failed to show the casing test. After we cemented the 4½" liner, we should have had the following.

July 16, 1974, drilled out cement to top of 4½" liner (7917') and pressured to 2500# with no decrease in pressure in 30 minutes.

All other information filed on the form 9-331 (dated August 7, 1974) is correct.

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

SIGNED Stanley A. [Signature]TITLE Gas Measurement AnalystDATE March 18, 1975

(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____

*See Instructions on Reverse Side

ACCEPTED FOR RECORD

MAR 20 1975

U. S. GEOLOGICAL SURVEY
HOBBS, NEW MEXICO

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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

Form approved
Budget Bureau No. 42-21421

5. LEASE DESIGNATION AND SERIAL NO.

LC-054667

6. IF INDIAN, ALLOTTEE OR TRUST NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Crosby Deep

9. WELL NO.

3

10. FIELD AND POOL, OR WILDCAT

Crosby (Fusselman)

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

Sec. 33, T-25-S, R-37-E

12. COUNTY OR PARISH

Lea

New Mexico

1. OIL
WELL ☒ GAS
WELL ☐ OTHER

2. NAME OF OPERATOR

UNION TEXAS PETROLEUM CORPORATION

3. ADDRESS OF OPERATOR

1300 Wilco Building, Midland, Texas

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

Unit Letter "J", 1980' FS&EL.

14. PERMIT NO.

15. REMARKS (Show whether DF, RT, CR, etc.)

3010' DF

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

NOTICE OF INTEREST TO:

TEST WATER SHUT-OFF

FRACURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

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

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

- May 27, 1976, after plugging McKee w/CIBP @ 9595', went in hole w/RBP & RTTS.
Set Plug @ 8729' and RTTS @ 8674'.
- May 28, 1976, swbd. perfs. 8682-8695' @ rate of 13 BPH (100% wtr.) Moved RBP to
8674' & RTTS to 8502' and swbd. perfs. from 8657-8668'. Swbd. 61 BF/4 hrs. (15 to
20% Oil).
- June 2, 1976, set RTTS @ 8410'. Press up on csg. to 1250# for 15 min. (Held O.K.)
- June 3, 1976, Shut-in tubing pressure 650#. Open well and flowed 21 BO/2½ hrs.
Unseated RTTS, PU RBP and pulled out of hole. Ran & set CIBP @ 8675'.
- June 4, 1976, Ran 2 3/8" tubing, Kobe Jet pump & Uni-Pkr. VI. (Set pkr. @ 7486).
Installed wellhead. Well is now ready to be placed on production.

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

SIGNED

TITLE Gas Measurement Analyst

DATE 6-21-76

(This space for Federal or State office use)

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

DATE

JUN 23 1976

J. S. GEOLOGICAL SURVEY
HOBBS, NEW MEXICO

*See Instructions on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRIPLICATE
(Other instructions on reverse side)Form approved
Budget Bureau No. 42-R1424

5. LEASE DESIGNATION AND SERIAL NO.

LC 054667

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Crosby Deep

9. WELL NO.

3

10. FIELD AND POOL, OR WILDCAT

Crosby (Fusselman)

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

Sec. 33, T-25-S, R-37-E

12. COUNTY OR PARISH 13. STATE

Lea

New Mexico

1.

OIL ☒ GAS ☐
WELL WELL OTHER

2. NAME OF OPERATOR

UNION TEXAS PETROLEUM CORPORATION

3. ADDRESS OF OPERATOR

1300 Wilco Building, Midland, Texas 79701

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

Unit Letter "J", 1980' FS&EL

14. PERMIT NO.

15. ELEVATIONS (Show whether SV, HT, CA, etc.)

3010' OF

16.

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

NOTICE OF INTEREST TO:

TEST WATER SHUT-OFF

PULL OR ALTER CASING

FRACTURE TREAT

MULTIPLE COMPLETE

SHOOT OR ACIDIZE

ABANDON*

REPAIR WELL

CHANGE PLANS

(Other)

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

REPAIRING WELL

FRACTURE TREATMENT

ALTERING CASING

SHOOTING OR ACIDIZING

ABANDONMENT*

(Other) Temporarily Abandon

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

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

Crosby Deep #3 was temporarily abandoned March 1, 1979, because production from the well had become uncommercial. The well was producing less than 5 BOPD 30 MCFGPD, and 100+ BOPD prior to being shut in. The well is currently being evaluated for recompletion possibilities in other pay horizons. A decision should be made on the feasibility of recompletion during 1980.

RECEIVED

JAN 16 1980

U. S. GEOLOGICAL SURVEY
HOBBS, NEW MEXICOThis approval of temporary
abandonment expires 1/17/81

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

SIGNED

David J. Hendryshell

TITLE Prod. Analyst

DATE 1/15/80

(This space for Federal or State office use)

APPROVED
CONDITIONS OF PERMIT

APPROVED

TITLE

DATE

JAN 17 1980

ACTING DISTRICT ENGINEER

*See Instructions on Reverse Side

UNIT STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

Form approved
Budget Bureau No. 42-23551

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other _____		5. LEASE DESIGNATION AND SERIAL NO. LC-054667	
2. NAME OF OPERATOR UNION TEXAS PETROLEUM CORPORATION		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
3. ADDRESS OF OPERATOR 1300 Wilco Building, Midland, Texas 79701		7. UNIT AGREEMENT NAME	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface Unit Letter "J", 1980' FSL & 1980' FEL At top prod. interval reported below At total depth		8. FARM OR LEASE NAME Crosby Deep	
14. PERMIT NO.		9. WELL NO. 3	
DATE ISSUED 1-30-74		10. FIELD AND POOL, OR WILDCAT Fusselman	
15. DATE SPUDDED 4-13-58		11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 33, T-25-S, R-37-E	
16. DATE T.D. REACHED 7-27-74		12. COUNTY OR PARISH Lea	
17. DATE COMPL. (Ready to prod.) 8-14-74		13. STATE New Mexico	
18. ELEVATIONS (OF, ENR, BT, CR, ETC.)* 3010' DF		19. ELEV. CASINGHEAD	
20. TOTAL DEPTH, MD & TVD 10,155		21. PLUG, BACK T.D., MD & TVD 10,060	
22. IF MULTIPLE COMPL., HOW MANY? TWO		23. INTERVALS DRILLED BY 0-10,155	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 8657 to 8695' (Fusselman)		25. WAS DIRECTIONAL SURVEY MADE No	
26. TYPE ELECTRIC AND OTHER LOGS RUN Composite Dual Laterolog and Dual Induction		27. WAS WELL CORED No	
28. CASING RECORD (Report all strings set in well)			
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE
13 3/8"	48#	496'	NA
9 5/8"	36#	3894'	NA
7"	23 & 26#	8262'	NA
CEMENTING RECORD		AMOUNT PULLED	
500 Sx.		Circ.	
858 Sx.		Circ.	
700 Sx.			
29. LINER RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*
4 1/2"	7917'	10,102'	250 Sx.
SCREEN (MD)		30. TUBING RECORD	
		SIZE	DEPTH SET (MD)
		2 3/8"	9510'
		PACKER SET (MD)	
		7800'	
31. PERFORATIONS RECORD (Interval, size and number)			
Fusselman Zone			
1 JSPF 8657-68, 8682-95' (Total 26 holes)			
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.		AMOUNT AND KIND OF MATERIAL USED	
DEPTH INTERVAL (MD)		Squeezed Dev. perfs. w/200 Sx. cement	
8142-8180'		Acidized w/2000 gal. 15% NE HCl	
8657-68 & 8682-95'			
33. FUSSELMAN ZONE PRODUCTION			
DATE FIRST PRODUCTION 8-6-74		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing	
WELL STATUS (Producing or shut-in) Shut-In			
DATE OF TEST 8-7-74	HOURS TESTED 24	CHOKED SIZE 18/64	PROD'S. FOR TEST PERIOD 195.07
OIL—BSL 195.07	GAS—MCF. 600	WATER—BSL 19.88	GAS-OIL RATIO 3,076
FLOW. TUBING PRESS. 569	CASING PRESSURE ---	CALCULATED 24-HOUR RATE 195.07	GAS—MCF. 600
WATER—BSL 19.88		OIL GRAVITY-API (CORR.) 42.2	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Will be sold			
TEST WITNESSED BY Frank K. Vasseur			
35. LIST OF ATTACHMENTS See Page 2 (McKee Sand Zone)			
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records			
SIGNED Stanley A. Port		TITLE Gas Measurement Analyst	
DATE 9-5-74			

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

NOTE: SEE PAGE 2 for COMPLETION OF MCKEE SAND ZONE

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on Items 22 and 24, and 32, below regarding separate reports for separate completions.

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

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

Item 10: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Geologic Comments": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool. Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES:

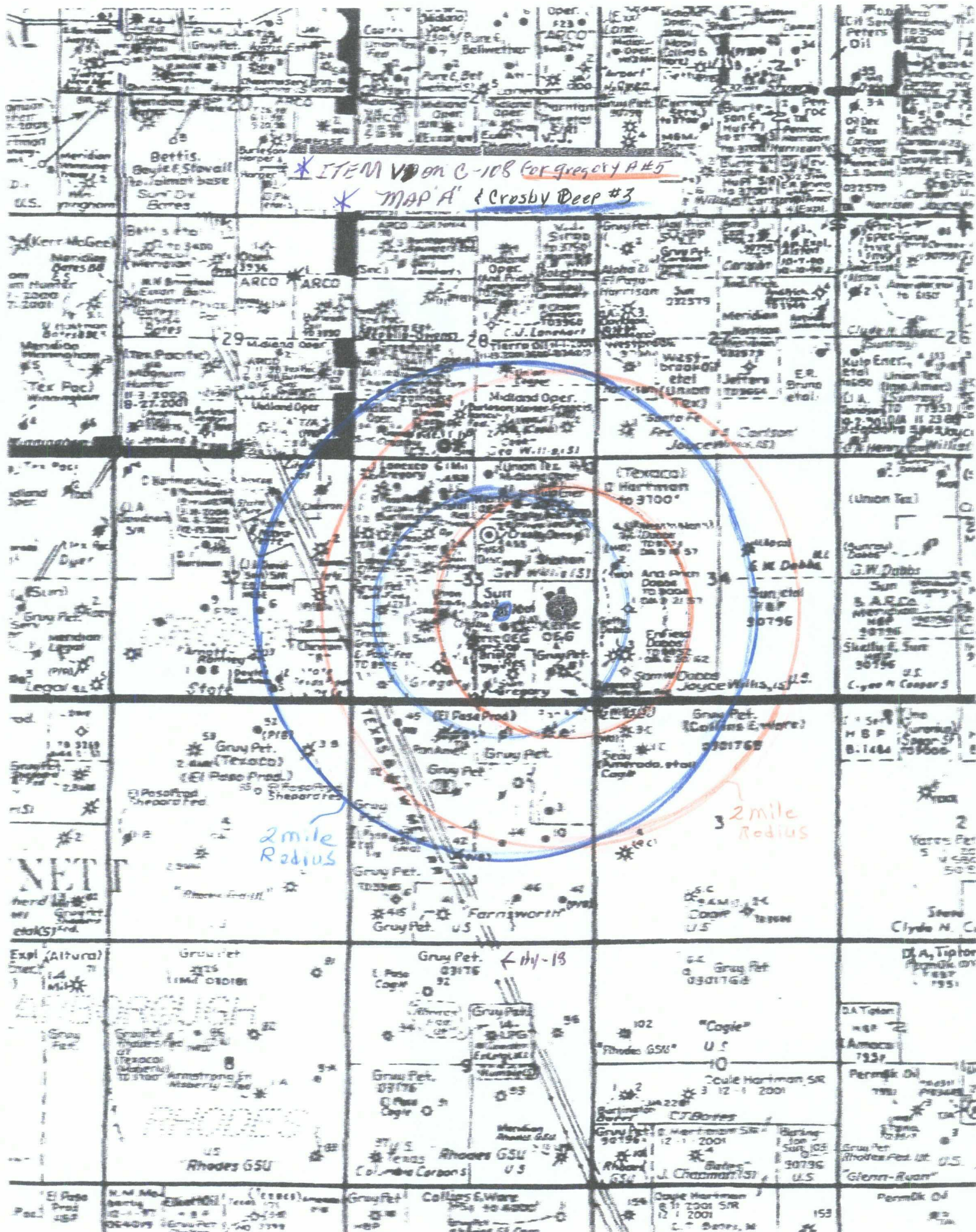
SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF: CORREL INTERVALS, AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION DRIFT, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERING

DESCRIPTION, CONTENTS, ETC.

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
Anhy., Salt & Redbed	0'	2511'	
Dolo. & Sand	2511'	3600'	
Dolo.	3600'	6350'	
Limestone	6350'	6950'	
Dolo.	6950'	7450'	
Limestone, Dolo. & Chert	7450'	7925'	
Shale	7925'	8140'	
Dolo. & Chert	8140'	8220'	
Limestone	8220'	8533'	
Limestone & Dolo.	8533'	8640'	
Dolo.	8640'	8860'	
Dolo.	8860'	9292'	
Dolo & Chert	9292'	9975'	
Lime & Shale			
Lime, Shale & Sand	9975'	10,110'	
Lime & Dolo.	10,110'	10,155'	

38. GEOLOGIC MARKERS

NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Ruetler	918'	
Salado	1140'	
Tansill	2304'	
Yates	2511'	
Seven Rivers	2802'	
Queen	3110'	
San Andres	3635'	
Glorietta	5096'	
Detrital	7702'	
Mississippian	7740'	
Woodford	7926'	
Devonian	8142'	
Silurian	8222'	
Fusselman	8640'	
Montoya	8924'	
Simpson	9256'	
McKee	9663'	
Ellenburger	10,115'	



PRODUCING WELLS IN AOR OF
GREGORY # 5 CROSBY DEEP #3

A	B	C	D	E	F	G	H	I
API 30-025	ULSTR	TD AND TYPE WELL	FORMATION AND PRODUCTION ZONE	COMPLETION DATE	PLUG DATE	LOCATION	WELL NAME	OPERATOR
1								
2	G: 33,255,37E	3237' Gas	Yates, Jal Matt pool	9/19/1937		660' FNL & 1980' FWL	Gregory C #1	D C ENERGY
3	N: 33,255,37E	3299' Oil	Queen, Langlie Mattix Pool	9/1/1961		660' FSL & 1880' FWL	Gregory A #7	D C ENERGY
4	J: 33,255,37E	3075' Gas	Yates, 7-Rivers, Jal Matt pool	4/26/1955		1650' FSL & 1650' FEL	El Paso Tom Fed #6	Cimarex Energy
5	B: 33,255,37E	8250' Gas	Devonian, Crosby Pool	10/8/1956		990' FNL & 1650' FEL	G W Shahar # 2	B C & D Operating
6	M: 33,255,37E	3285' Gas	7-Rivers, Queen, Langlie mattix pool	10/4/1960		330' FSL & 660' FWL	R O Gregory #3	Cimarex Energy
7	L: 33,255,37E	32154' Oil	Yates, Langlie Mattix	9/30/1954		1980' FSL & 660' FWL	El Paso Tom Fed #007	Cimarex Energy
8	M: 33,255,37E	9273' Gas Present @ 3620' 8824' Present	OUT OF AOR Yates, Tansill, 7-Rivers Mattix pool	9/9/1957 Recompleted 1/1997	10/13/1957	1650' FNL & 660' FWL	Dabbs # 004	Enervest Operating LLC
9	D: 3,265,37E	3600' Gas	Yates Jal Matt pool	9/20/1961		660' FNL & FWL	C C Cagle "C" #3	Remuda Operating
10	A: 4,265,37E	3224' Gas	7-rivers, Queen, Grayburg Langlie Mattix Pool	12/2/1954		660' FNL & FEL	Farnsworth "C" #2	Cimarex Energy
11	O: 33,255,37E	8461' Gas	Devonian, Crosby Pool	10/4/1963		660' FSL & 1650' FEL	Gregory El Paso Fed. #1	D C Energy LLC
12	G: 33,255,37E	10,415' Oil	Fusselman, Crosby Pool	1/31/1973		1650' FNL & 2310' FEL	Crosby Dees #2	D C Energy LLC
13	C: 33,255,37E	8894' Oil	Fusselman, Crosby Pool	10/1/1978		785' FNL & 1980' FWL	Crosby Dees #4	D C Energy LLC
14	E: 33,255,37E	3210' Gas	Yates Jal Matt pool	2/29/1984		660' FWL & 1650' FNL	El Paso Tom Fed #5	Lanexo
15	I: 33,255,37E	3535' Oil	7-rivers, Queen, Langlie Mattix Pool	1/2/1986		2310' FSL & 990' FEL	Gregory "A" #8	D C Energy LLC
16	M: 34,255,37E	3375' Gas	Yates, 7-Rivers Jal Matt Gas	9/8/1989		990' FSL & 660' FWL	Dabbs #3	Enervest Operating LLC
17	P: 33,255,37E	3000' Gas	Yates Jal Matt pool	3/17/1993		660' FSL & 660' FEL	El Paso Tom Fed. #8	Cimarex Energy
18	D: 3,265,37E	3526' Oil & Gas	Yates, 7-Rivers Jal Matt Gas	Recompleted 4/2/1956	4/27/1949	990' FNL & 990' FWL	C C Cagle "C" #1	Remuda Operating

RED HILIGHTED API ARE WELLS ABOVE QUEEN FORMATION

PE A / 2 - Prod.

PLUGGED WELLS IN AOR OF
GREGORY # 5 CROSBY DEEP #3

	A	B	C	D	E	F	G	H	I
15	11889	E; 34,25S,37E	3300' Oil	7-Rivers, Queen Langlie Mattix Pool	3/8/1982	8/15/2005	2310 FNL & 330 FWL	Dabbs # 2	Doyle Hartman
16	11890	M; 34,25S,37E	8900' Dry	Devonian, Crosby Pool	6/30/1962	7/26/1962	660 FSL & 660 FWL	Sam Dabbs #1	Pre-Orngard
17	11944	C; 4,26S,37E	3221' Oil	7-rivers, Queen, Grayburg Langlie Mattix Pool	11/16/1959	5/19/2009	660' FNL & 2310' FWL	Farnsworth 4, #9	Cimarex Energy
18	11950	A; 4,26S,37E	8670' Gas	Devonian, Crosby Pool	1/14/1958	10/19/1966	660 FNL & 990' FEL	Farnsworth C Fed. #6	Pre-Orngard
19	11951	C; 4,26S,37E	8985' Oil	Devonian, Crosby Pool	2/22/1959	10/11/1966	660' FNL & 1980' FWL	Farnsworth C Fed. #7	Pre-Orngard
20	20254	N; 33,25S,37E	8975' Oil	Devonian, Crosby Pool	1/6/1964	8/23/1983	760' FSL & 1880' FWL	Gregory El Paso Fed. #2	Union Texas Pet. Corp.
21	26631	B; 33,25S,37E	3244' Oil	Yates, 7-Rivers Langlie Mattix Pool	4/1/1980	14-Jan	330 FNL & 2310 FSL	Shahan 33 #001	Herman Loeb LLC
22	26725	E; 33,25S,37E	3300' Gas	7-Rivers, Queen Langlie Mattix Pool	7/30/1980	1/15/2001	1630' FNL & 330' FWL	El Paso Tom Fed. #1	Lanexco Inc.
23	26726	F; 33,25S,37E	Not Drilled	Location changed					Alpha 21 Production Co.
24	26727	K; 33,25S,37E	Drilled						Alpha 21 Production Co.
25	26918	F; 33,25S,37E	3300' Gas	7-Rivers, Queen, Langlie Mattix Pool	10/23/1980	5/8/2008	2310 FNL & 1650 FWL	El Paso Tom Fed. #3	Lanexco Inc.
26	26919	K; 33,25S,37E	3300' Gas	7-Rivers, Queen Langlie Mattix Pool	10/28/1980	5/12/2008	1650 FSL & 1650 FWL	El Paso Tom Fed. #4	Lanexco Inc.

ITEM VI ON C-108 APPLICATION FOR INJECTION

FOR

GREGORY A #5 and CROSBY DEEP #3

ITEM VI ON C-108 APPLICATION FOR INJECTION
FOR
GREGORY A #5 and CROSBY DEEP #3

There are 25 plugged wells in the AOR for the application to inject into the above wells. A tabular form is included along with the schematics of the plugged wells within the AOR. Many of these have been submitted in a previous application for SWD – 240 A. In order to make the material easier to manage, all of the schematics are attached so that there will not be a missing plugged well. There are two wells in the table that were not drilled and the locations changed but they were given an API number and they are included in the count of plugged wells.

There are three wells that are to be disposals. SWD – 240 A is one of those wells and has been permitted. These wells are counted in the total number of wells in the AOR for the application to inject for the Gregory A #5 and the Crosby Deep #3 which are the other wells designated for disposal well.

There are 18 wells that are producing in the total AOR. A tabular form is attached of these wells. Schematic drawings have been provided for all wells penetrating the Queen formation in the ARO. There is one well that penetrates the Fusselman formation and that is the Crosby Deep #3 that is being applied for SWD status. The McKee sands and the Ellenburger formations have been plugged off (please see schematic). There are two wells that are in the Fusselman formation [Crosby Deep #2 and Crosby Deep #4] , schematics are attached for these wells as well.

One well, the Farnsworth 4 #1 (API 30-025-11941) has been on Temporary Abandonment since 8/2/64 and has not produced any extended period of time according to the public records. The record shows that the well was put to producing in 1983 but was back in TA by 1989. A separate schematic of that well is attached to the producing wells schematics but is not on the tabular form showing producing wells. There seem to be no public records of plans to put the well into production or to plug. If well is producing no record shows when the well was put back into production.

There are a total of 47 wells in the AOR for the Gregory A #5 and the Crosby Deep #3.

Well Bore Schematic of Crosby Deep #4
ULSTR: "C"; 33, 255, 37E 785' FNL & 1980 FWL

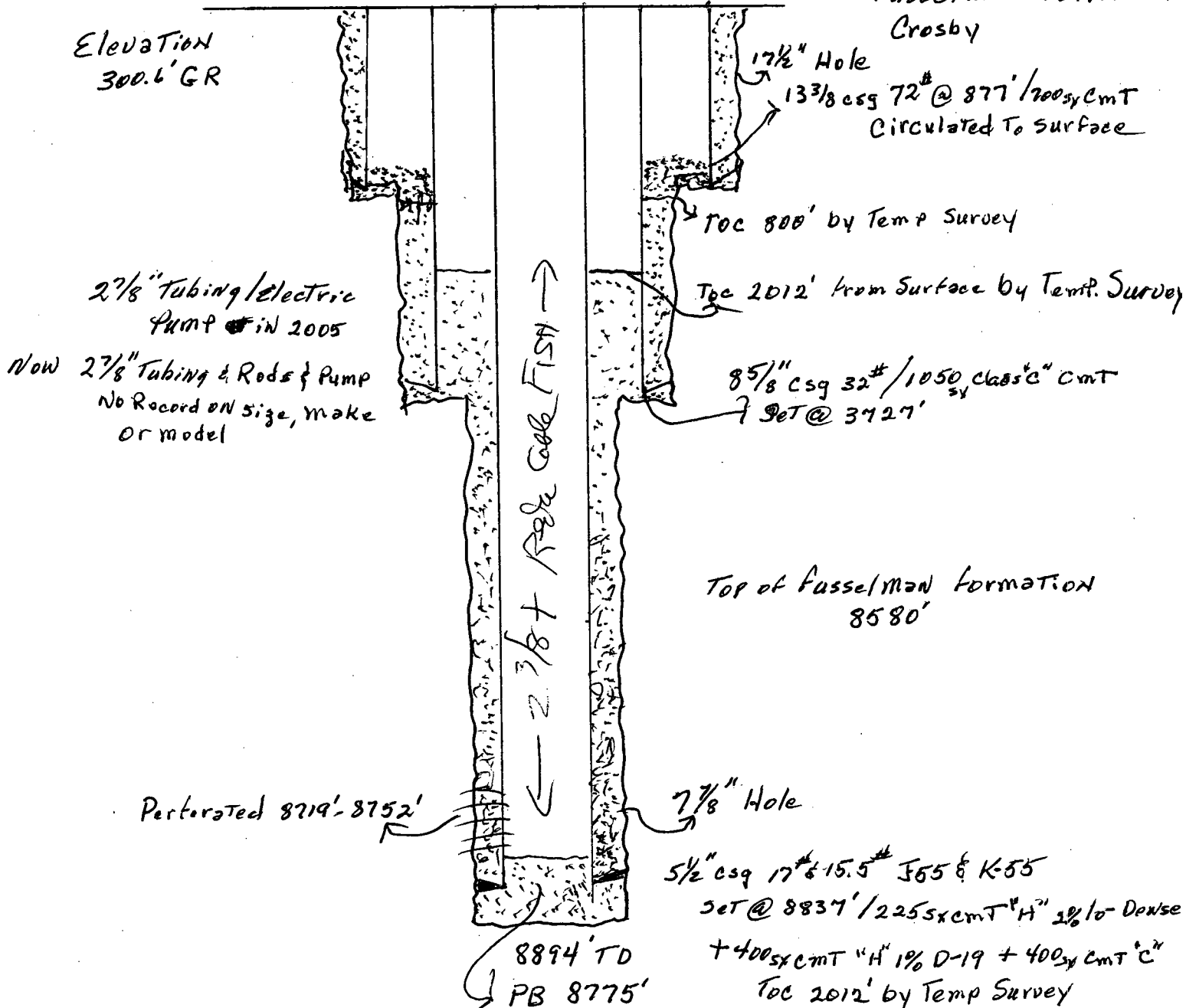
Gas & Oil Well Producing

DC ENERGY LLC

API-30-025-25985

Completed 10/01/78
Fusselman Formation
Crosby

Casing head Gas



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE
(Other instructions on 1
reverse side)

Form approved
Budget Bureau No. 42-B-434

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. ☒ OIL WELL ☒ GAS WELL ☐ OTHER	2. NAME OF OPERATOR UNION TEXAS PETROLEUM CORPORATION	3. ADDRESS OF OPERATOR 1300 Wilco Building, Midland, Texas 79701	4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface	5. LEASE DESIGNATION AND SERIAL NO. LC 054667	6. IF INDIAN, ALLOTTEE OR TRUST NAME	7. UNIT AGREEMENT NAME	8. FARM OR LEASE NAME Crosby Deep	9. WELL NO. 4	10. FIELD AND POOL, OR WILDCAT Crosby (Fossilman) Pool	11. SEC., T., R., M., OR BEG. AND SURVEY OR AREA Sec. 33, T-25-S, R-37-W	12. COUNTY OR PARTIAL STATE Lea New Mexico
14. PERMIT NO.	15. ELEVATIONS (Show whether TP, SZ, GR, etc.) 3006.8' GR	16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data									

RECEIVED
SEP 5 1978

U. S. GEOLOGICAL SURVEY
HOBBS, NEW MEXICO
API-30-025-22
25985

Unit Letter "C", 785' FNL & 1980' FNL

SOURCE OF INFORMATION TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF	PERF. OR ALTER CASING
FRACURE TREAT	MULTIPLE COMPLETION
SHUT-IN OR ABANDON	ABANDON*
REPAIR WELL	CHANGE PLANS
(Other)	

WATER SHUT-OFF	REPAIRING WELL
FRACURE TREATMENT	ALTERING CASING
SHUTTING OR ABANDON	ABANDONMENT*
(Other) Casing Test	X

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

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

1. August 11, 1978, total depth of 11" hole was 3800'. Ran 83 jts. of 8 5/8" 32# K-55 ST&C casing & set @ 3727' KB and cemented w/1050 sx. Class "C". Cement did not circ. RU BJ Hughes ran temperature survey and found top of cement behind 8 5/8" casing 80J" from surface. After WOC 23 hrs., drilled out excess cement & tested casing to 1000# w/no dec. in press in 30 min.
2. August 16, 1978, at the present time we are drilling 7 7/8" hole @ TD of 4590'.

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

SIGNED Thayer S. Handysell TITLE Sr. Prod. Analyst

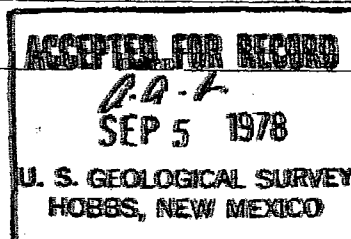
DATE 9-1-78

(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____

*See Instructions on Reverse Side



BJ-HUGHES Inc.

C E M E N T I N G A F F I D A V I T

I, Robert E. Kemp, being of lawful age and having full knowledge of the facts herein below set out do state:

I am employed by BJ-HUGHES Inc. and on 9-5-, 1978
BJ-HUGHES Inc. performed the cementing operation herein
described for Union Texas Petroleum on their Well No. 4
on the Crosby Deep lease located in Lea County,
State of New Mexico.

CASING CEMENTING: Name or type of string was Oil String - Two Stage.
Information provided by the Customer Company states that the casing
was 5 1/2 in. O.D. and set in 7-7/8 inch hole, and that
the casing depth set was 8910 feet. For this job the
following materials were used:

675 Sacks - Class H Cement

475 Sacks - Class C Cement

1316 Lbs - A-2

125 Lbs - Celloflake

376 Lbs - D-19

An estimated _____ sacks of excess cement was circulated.

CEMENT PLUG: Information provided by the Customer Company states
that the hole size was _____ inches, and total depth was _____ ft.
For this job the following materials were used to place plugs as
indicated:

Plug from	ft	to	ft	with	Sx of
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

SIGNED:

BJ-HUGHES Inc.

By:

Robert E. Kemp

Date:

9-5-78

BJ-HUGHES Inc.

C E M E N T I N G A F F I D A V I T

I, John Paterson, being of lawful-age and having full knowledge of the facts herein below set-out do state:

I am employed by BJ-HUGHES Inc. and on 8-11- 19 78
BJ-HUGHES Inc. performed the cementing operation herein
described for Union Texas Petroleum on their Well No. 4
on the Crosby Deep lease located in Lea County,
State of New Mexico.

CASING CEMENTING: Name or type of string was Salt String.
Information provided by the Customer Company states that the casing
was 8-5/8 in. O.D. and set in 11" inch hole, and that
the casing depth set was 3727 feet. For this job the
following materials were used:

752 Sacks - Class C Cement

798 Sacks - Diamix F

81 Sacks - Salt

263 Lbs - Celloflake

4 Sacks - A-7

51 Sacks - Gel

An estimated _____ sacks of excess cement was circulated.

CEMENT PLUG: Information provided by the Customer Company states
that the hole size was _____ inches, and total depth was _____ ft.
For this job the following materials were used to place plugs as
indicated:

Plug from	ft	to	ft	with	Sx of
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

SIGNED: BJ-HUGHES Inc.

By:

John Paterson

Date:

8-11-78

BJ-HUGHES Inc.

C E M E N T I N G A F F I D A V I T

I, John Paterson, being of lawful-age and having full knowledge of the facts herein below set-out do state:

I am employed by BJ-HUGHES Inc. and on 8-5-, 1978
BJ-HUGHES Inc. performed the cementing operation herein
described for Union Texas Petroleum on their Well No. 4
on the Crosby Deep lease located in Lea County,
State of New Mexico.

CASING CEMENTING; Name or type of string was Surface.
Information provided by the Customer Company states that the casing
was 13-3/8 in. O.D. and set in 17 1/2 inch hole, and that
the casing depth set was 877 feet. For this job the
following materials were used:

543 Sacks - Class C Cement

157 Sacks - Diamix F

5 Sacks - A-7

27 Sacks - Gel

An estimated 100 sacks of excess cement was circulated.

CEMENT PLUG: Information provided by the Customer Company states
that the hole size was _____ inches, and total depth was _____ ft.
For this job the following materials were used to place plugs as
indicated:

Plug from	ft	to	ft	with	Sx of
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

SIGNED: BJ-HUGHES Inc.

By: John Paterson

Date: 8-5-78

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 23 and 24, and 26, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 33.

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

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 22. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

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

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

27. SUMMARY OF POROUS ZONES				28. GEOLOGIC MARKERS	
SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF: CORED INTERVALS, AND ALL DRILL-STEM TESTS, INCLUDING BIRTH INTERVAL TESTS, CUSHION USED, FINE TOOL-OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES					
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH
Sand & Redbeds	0'	860'		Rustler	906'
Anhydrite	860'	2450'		Yates	2458'
Lime	2450'	8894'		Glorieta	5055'
		TD		Woodford	7618'
				Devonian	7900'
				Fuselman	8580'
					Same
					Same
					Same
					Same
					Same
					Same

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See other in-
structions on
reverse side)Form approved
Budget Bureau No. 42-R5515

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other _____		5. LEASE DESIGNATION AND SERIAL NO. LC 054667																											
1b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ REPERFORATE ☐ PLUG BACK ☐ REPERFORATE ☐ Other _____		6. IF INDIAN, AGENT OR TRIBE NAME																											
2. NAME OF OPERATOR UNION TEXAS PETROLEUM CORPORATION		7. UNIT AGREEMENT NAME																											
3. ADDRESS OF OPERATOR 1300 Wilco Building, Midland, Texas 79701		8. TOWN OR LEASE NAME Crosby Deep																											
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements): At surface 785' FNL & 1980' FNL At top prod. interval reported below Same At total depth Same		9. WELL NO. 4																											
14. PERMIT NO. ---		10. FIELD AND POOL, OR WILDCAT Crosby (Fusselman)																											
DATE ISSUED 5-26-78		11. SEC., T., R., E., OR BLOCK AND SURVEY OR AREA Sec. 33, T-25-S, R-37-E																											
15. DATE SPUN 8-3-78		12. COUNTY OR PARISH Lea																											
16. DATE T.B. REACHED 9-13-78		13. STATE New Mexico																											
17. DATE COMPL. (Ready to prod.) 10-1-78		18. ELEVATION (OF, FROM, AT, OR, ETC.) 3006.8' GR																											
19. TOTAL DEPTH, SET & TWD 8894'		20. INTERVALS 8894' → 10-8894																											
21. PLUG, BACK T.D., MD & TWD 8775'		22. IF MULTIPLE COOPL., HOW MANY? ---																											
23. PRODUCTIVE INTERVAL(S), IF TIME COMPLETION—TOP, BOTTOM, NAME (MD AND TWD)* 8719'-8752' - Fusselman		24. WAS DIRECTIONAL SURVEY MADE No																											
25. TYPE LOGS AND OTHER LOGS RUN Dual Induction Focused Log, Minilog		26. WAS WELL CURED No																											
27. CASING RECORD (Report all strings set in well)																													
<table border="1"><thead><tr><th>CASING SIZE</th><th>WEIGHT, LB./FT.</th><th>DEPTH SET (MD)</th><th>HOLES SIZE</th><th>CEMENTING RECORD</th><th>AMOUNT FULLED</th></tr></thead><tbody><tr><td>13 3/8"</td><td>72#</td><td>877'</td><td>17 1/2"</td><td>450 Sx. Class C</td><td>500 Sx. cement</td></tr><tr><td>8 5/8"</td><td>32#</td><td>3727'</td><td>11"</td><td>1050 Sx. Class "C"</td><td>800' FS</td></tr><tr><td>5 1/2"</td><td>17# & 15.5#</td><td>8910'</td><td>7 7/8"</td><td>842 Sx. Class "H"</td><td>2012' FS</td></tr></tbody></table>						CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLES SIZE	CEMENTING RECORD	AMOUNT FULLED	13 3/8"	72#	877'	17 1/2"	450 Sx. Class C	500 Sx. cement	8 5/8"	32#	3727'	11"	1050 Sx. Class "C"	800' FS	5 1/2"	17# & 15.5#	8910'	7 7/8"	842 Sx. Class "H"	2012' FS
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28. LIFTER RECORD																													
<table border="1"><thead><tr><th>SIZE</th><th>TWP (MD)</th><th>BOTTOM (MD)</th><th>SACKS CEMENT*</th><th>SCREEN (MD)</th><th>SIZE</th><th>DEPTH SET (MD)</th><th>PACKER SET (MD)</th></tr></thead><tbody><tr><td>---</td><td>---</td><td>---</td><td>---</td><td>---</td><td>2 7/8"</td><td>8745'</td><td>8611'</td></tr></tbody></table>						SIZE	TWP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)	---	---	---	---	---	2 7/8"	8745'	8611'								
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---	---	---	---	---	2 7/8"	8745'	8611'																						
29. PREPARATION RECORD (Interval, size and number) Perforated w/1 JSPF 8719'-8752' (Total 24 holes)																													
30. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. <table border="1"><thead><tr><th>DEPTH INTERVAL (MD)</th><th>AMOUNT AND KIND OF MATERIAL USED</th></tr></thead><tbody><tr><td>8719'-8752'</td><td>100 gallons perf. acid.</td></tr></tbody></table>						DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED	8719'-8752'	100 gallons perf. acid.																				
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1200-1510	0	→	599.31	1326	0	34.0																							
32. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sales to El Paso Natural Gas when connected																													
33. LIST OF ATTACHMENTS C-104, Dual Induction Focused Log, Minilog																													
34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records. SIGNED: <u>Floyd L. Naudyschell</u> TITLE: <u>Production Analyst</u> DATE: <u>10-10-78</u>																													

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRIPLA
(Other instructions on re-
verse side)Form approved
Budget Bureau No. 42-R1423

2. LEASE DESIGNATION AND SERIAL NO.

LC 054667

3. IS INDIAN, ALLOTTEE OR TRUST NAME

7. UNIT ABBREVIATION NAME

8. FARM OR LEASE NAME

Crosby Deep

9. WELL NO.

4

10. FIELD AND POOL, OR WILDCAT

Crosby (Fusselman)

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

Sec. 33, T-25-S, R-37-E

12. COUNTY OR PARISH 13. STATE

Lea

New Mexico

SUNDRY NOTICES AND REPORTS ON WELLS

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

1.

OIL WELL ☒ GAS WELL ☐ OTHER ☐

2. NAME OF OPERATOR

UNION TEXAS PETROLEUM CORPORATION

3. ADDRESS OF OPERATOR

1300 Wilco Building, Midland, Texas 79701

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

785' FNL & 1980' FWL

14. PERMIT NO.

15. ELEVATIONS (Show whether OF, BT, GR, etc.)

3006.8' GR

16.

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

PULL OR ALTER CASING

FRACTURE TREAT

MULTIPLE COMPLETE

SHUT OR ACIDIZE

REABST*

REPAIR WELL

CHANGE PLANS

(Other)

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

REPAIRING WELL

FRACTURE TREATMENT

ALTERING CASING

RESETTING OR ACIDIZING

ABANDONMENT*

(Other)

(None: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)17. DESCRIBE PURPOSES OR ANTICIPATED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any
proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertain-
ing to this work.) *

1. April 11, 1980, RUSU - Install BOP. Unseat pkr. & POH w/2 7/8" tbg.
2. April 14, 1980, TIH w/cement retainer @ set @ 8658". Press. test tbg. to 2000# BJ cemented perms. 8719 to 8752" w/75 sx. Class "C" Reversed out 50 Sx. cement. POH w/tubing.
3. April 15, 1980, TIH w/4 3/4" bit, drill out cement retainer from 8658 to 8661; Drilled out cement to 8763. Tagged PBTD @ 8775". Pressured casing to 1000#.
4. April 16, 1980, RU wireline. Perf. from 8744"-8764" (1 JSPF) TIH w/pkr. & set @ 8691".
5. April 18, 1980, Lowered pkr. to 8765". Spotted 2 bbls. 15% acid across perms. Pulled pkr. up to 8691". Acidized w/832 gal. 15% acid.
6. April 21, 1980, Unset pkr. - POH w/tubing.
7. April 22, 1980, TIH w/MA, pers. sub, SN & 2 7/8" tubing.
8. April 23, 1980, Ran rods in hole.
9. May 23, 1980, Well on production. All surface equipment lined out and in operation.

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

SIGNED

Thyph. S. Hordlyshell

TITLE Prod. Analyst

DATE 6/3/80

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

REMIT IN TRIPlicate
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-21424

3. LEASE DESIGNATION AND SERIAL NO.

LC-054667

4. IF LESSEE, LISTED BY THREE NAME

5. U.S. AGREEMENT NAME

6. FIRM OR LEASE NAME

Crosby Deep

7. WELL NO.

4

8. FIELD AND POOL, OR WELDCAT

Crosby (Fusselman) Pool

9. SEC., T., R., S., OR B.L. AND SURVEY OR AREA

Sec. 33, T-25-S, R-37-E

10. COUNTY OR PARISH

Lea

11. STATE

New Mexico

1. OIL WELL ☒ GAS WELL ☐ OTHER ☐

2. NAME OF OPERATOR

UNION TEXAS PETROLEUM CORPORATION

3. ADDRESS OF OPERATOR

1300 Wilco Building, Midland, Texas 79701

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

Unit Letter "C", 785' FNL & 1980' FNL

12. DEPTH IN FEET

13. PENETRATIONS (Show whether oil, gas, etc.)

3006.8' GR

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

NOTICE OF INTENTION TO:

TEST WORTH SHUT-OFF

DRILL OR ALTER CASING

NOTICE OF COMPLETION

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WORTH SHUT-OFF

FRACURE TREATMENT

SHUTTING OF ACTIVITIES

(Other)

REPAIRS WELL

ALTERING CASING

ABANDONMENT*

X

Csg. Test & Cementing

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

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

1. Spudded 17½" hole @ 12 midnight 8-3-78.
2. August 5, 1978, TD of 17½" hole was 870". Ran 24 jts. (877.21") 13 3/8", 72# ST&C csg. & set @ 870" and cemented w/450 sx. BJ Lite followed by 250 sx. Class "C" Neat. (Circ. 100 Sx. cement). After WOC 19½ hrs., drilled out excess cement and tested casing to 1000# w/no dec. in press in 30 min.
3. August 7, 1978, at the present time we are drilling 11" hole @ TD 2545".

RECEIVED

AUG 15 1978

U. S. GEOLOGICAL SURVEY
HOBBES, NEW MEXICO

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

SIGNED

TITLE Sr. Prod. Analyst

DATE 8-14-78

(This space for Federal or State office use)

APPROVED BY

COMMENTS OR APPROVAL, IF ANY:

TITLE

*See Instructions on Reverse Side

ACCEPTED FOR RECORD
0-0-7
AUG 17 1978
U. S. GEOLOGICAL SURVEY
HOBBES, NEW MEXICO

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRIPLICATE
(Other instructions on
reverse side)Form approved
Budget Bureau No. 42-R1424

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. ☐ OIL WELL ☒ GAS WELL ☐ OTHER	7. LEASE DESIGNATION AND SERIAL NO. LC 054667
2. NAME OF OPERATOR UNION TEXAS PETROLEUM CORPORATION	8. IF INDIAN, ALLOTTEE OR TRUST NAME
3. ADDRESS OF OPERATOR 1300 Wilco Building, Midland, Texas 79701	9. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: Unit Letter "C", 785' FNL & 1980' FWL	10. FIELD OR LEASE NAME Crosby Deep
14. PERMIT NO.	11. WELL NO. 4
15. DEPTH (Show whether OF, TO, OR, etc.) 3006.8' GR	12. FIELD AND POOL, OR WILDCAT Crosby (Fusselman) Pool
	13. SEC., T., R., E., OR SEE AND SURVEY OR AREA Sec. 33, T-25-S, R-37-E
	14. COUNTY OR PARISH Lea
	15. STATE New Mexico

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

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF

PUMP OR ALTER CASING

WATER SHUT-OFF

REPAIRING WELL

STRUCTURE URGENT

MULTIPLE COMPLETION

FRACTURE TREATMENT

ALTERING CASING

SHOOT OR REDUCE

ABANDON*

REGRADING OR ACIDIZING

ABANDONMENT*

REPAIR WELL

CHANGE PLANS

(Other) **Casing Test**

((Other))

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

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

- September 4, 1978, total depth of 7-7/8" hole was 8853'. Ran 226 joints of 5 1/2" 17# & 15.5#, J-55 & K-55 casing & set @ 8837' K.B. Cemented with 225 sx. Class "H" 2% Lo-Dense & tailed in w/400 sx. Class "H" 1% D-19. Followed in w/2nd stage & pumped 475 sx. Class "C" 2% Lo-Dense & tailed in w/50 sx. Neat.
- September 5, 1978, determined top of cement @ 2012' by temperature survey.
- September 11, 1978, tagged fill @ 8728', circulated & drilled mica & paper to 8818'. Tagged cement & drilled cement from 8818 - 8880'. Tested casing to 1000 psi for 30 minutes w/no decrease in pressure.

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

SIGNED

*Floyd S. Houdyshell*TITLE **Production Analyst**DATE **September 14, 1978**

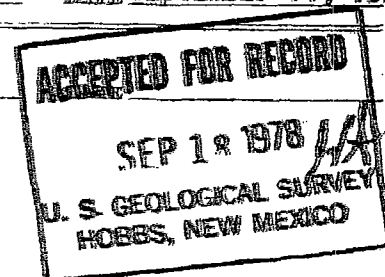
(This space for Federal or State office use)

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side



Schematic Well Bore Crosby Deep #2

UL-G Sec. 33, T25S, R37E 1650' FNL 2310' FEL oil well
LEA COUNTY, N.M. Producing
OC ENERGY LLC.

AP# 30025-24287

Completed 1/31/73

Fusselman

13 3/8" CSG set @ 564' - CMT Circulated
500sx CMT

Elevation 3015 DF

Taking CSG hcl gas

9 5/8" CSG set @ 3812'
2300sx circulated

D.V. Tool used

No CMT ON 1/31/73

5 1/2" CSG set @ 10,445' 890sx CMT
TOC 7030' TS.

Fusselman Perfs
8780'-9000'

TD 10,445'
P.B. 9319'

COUNTY LEA FIELD Wildcat STATE NM API 30-02-5-291
 OPR UNION TEXAS PET. CORP. SERIAL
 NO. 2 LEASE Croaby Deep MAP
Sec 33, T-25-S, R-37-E CO-GRID
1650' FHL, 2310' FEL of Sec ELEV DF L & S

		CLASS		GL <u>3000-E</u>	
SPD	11-15-72	CMP	1-31-73	FORMATION	DATUM
CSG & SX				FORMATION	DATUM
13 3/8" at 505' w/500 sx					
9 5/8" at 3812' w/2300 sx					
5 1/2" at 10,445' w/890 sx					
LOSS	EL	GR	RA	END	HC A
				TD	10,445'
				PBO	9319'

IP (Fusselman) Perfs 8780-90' F 455 BOPD. Pot based on 24 hr test thru 15/64" chk. GOR 1621; Grav 34.3; GP Pkr; TP 1725#

CNTR Ard OPRS ELEV 3998 GLPD 10,700' TYPE RT

fr 11-6-72
 (Ellenburger)
 11-27-72 Drlg. 3550' 1m
 12-5-72 Drlg. 4497' anhy & 1m
 12-12-72 Drlg. 7645' 1m & sh
 12-19-72 TD 8769'; Pulling DST 8650-8769'
 1-2-73 Drlg. 10,035' sd & sh
 DST 8650-8769', open 2 hrs, GTS in 6½ mins @ 500 MCFGPD & decr 100 MCFGPD, rec 1530' HG&OCM, 1 hr ISIP 2940#, FP 399-446#, 4 hr FSIP 3009#
 DST 8775-8845', open 2 hrs, GTS in 15 mins, MTS in 30 mins, Flwd 21 BO in 1 hr thru 1/4" chk, SFP 720#, unloaded 24 BO during FSIP, rev out 19.2 BO, rec 60" OCM below sub, 1 hr ISIP 3056#, FP 1823-2753#, 4 hr FSIP 3056#, HP 4053-4053#

1-2-73

Continued

DST 8845-8895', open 1 hr 30 mins, GTS in 28 mins @ est 100 MCFGPD & decr to 40-50 MCFGPD @ end, rec 360' sulf wtr CDF + 360' G & Sulf wtr CDF, 1 hr ISIP 2149#, FP 235-282#, 3 hr FSIP 2335#, HP 4076-4076#

DST (Fusselman) 8900-26', open 1 hr 40 mins, GTS in 34 mins @ TSTM, rev out 837' DF + 2009' SGCDF + 700' sulf wtr CDF, rec 90' sulf wtr CDF below sub, 1 hr ISIP 2712#, FP 784-1220#, 3 hr FSIP 2896#, HP 4211-4189# (leak in DF)

DST (McKee) 9800-9950', open 1 hr 30 mins, GTS in 23 mins @ max 125 MCFGPD & decr 110 MCFGPD @ end, rec 360' DF + 180' GCD + 510'

1-2-73

Continued

HCCDF, 1 hr ISIP 2963#, FP 399-493#, 3 hr FSIP 3612#, HP 4653-4653#

1-8-73

TD 10,445'; Rng logs

DST 10,279-335', open 1 hr 10 mins, rec 93' DF + 651' H salt wtr CM + 857' salt wtr + 656' sli salty wtr, 1 hr ISIP 3796#, FP 298-1007#, 2 hr 30 min FSIP 3819#, HP 4822-4822#

DST 10,425-445', open 1 hr 10 mins, rec 6912' sulf wtr, 1 hr ISIP 3887#, FP 1098-3338#, 2 hr FSIP 3910#, HP 4959-4936#

1-15-73

TD 10,445'; MORT

1-22-73

TD 10,445'; PBD 9319'; Tstg

Perf (Fusselman) 8780-90' w/2 SEP
Flwd 55 BO in 3 hrs (8780-90')

1-22-73 Continued
Acid (8780-90') 250 gals
Flwd 13.75 BOPH for 4 hrs thru 14/64" chk,
TP 1250#

1-29-73 TD 10,445'; PED 9319'; SI Storage

2-5-73 TD 10,445'; PED 9319'; WO OCC Pot
Flwd 455 BO in 24 hrs thru 15/64" chk, GOR
1621; TP 1725# (8780-90')

2-12-73 TD 10,445'; PED 9319'; COMPLETE
LOG TOPS: Devonian 7998', Silurian 8164',
Fusselman 8596', Montoya 9034', Simpson
9406', McKee 9794', Ellenburger 10,274'
Fusselman Discovery

2-17-73 COMPLETION REPORTED

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Form C-103
Revised 1-1-55

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.	

1a. TYPE OF WELL						7. Unit Agreement Name	
b. TYPE OF COMPLETION OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐ NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ OILY. RESVR. ☐ OTHER ☐						8. Form or Lease Name Crosby Deep	
2. Name of Operator UNION TEXAS PETROLEUM CORPORATION, A Division of Allied Chemical Corp.						9. Well No. 2	
3. Address of Operator 1300 Wilco Building, Midland, Texas 79701						10. Field and Pool or Willam Wildcat	
4. Location of Well UNIT LETTER <u>G</u> LOCATED <u>1650</u> FEET FROM THE <u>North</u> LINE AND <u>2310</u> FEET FROM THE <u>East</u> LINE OF SEC. <u>33</u> TWP. <u>25-S</u> RGE. <u>37-E</u> NMPM						12. County Lea	
15. Date Spudded 11-15-72	16. Date T.D. Reached 1-8-73	17. Date Compl. (Ready to Prod.) 1-31-73	18. Elevations (DF, RKB, RT, GR, etc.) 3015' DF	19. Elev. Casinghead 3000'			
20. Total Depth 10,445'	21. Plug Back T.D. 9319'	22. If Multiple Compl., How Many	23. Intervals Drilled By Rotary Tools 0-10,445'	24. Producing Interval(s), of this completion - Top, Bottom, Name 8780-90' Fusselman			
25. Type Electric and Other Logs Run GR-SN Logs, Dual Ind., Proximity, Micro Log						26. Was Directional Survey Made Yes	
27. Type Electric and Other Logs Run GR-SN Logs, Dual Ind., Proximity, Micro Log						28. Was Well Cored No	
29. CASING RECORD (Report all strings set in well)							
CASING SIZE 13 3/8	WEIGHT LB./FT. 48#	DEPTH SET 504'	HOLE SIZE 17 1/2	CEMENTING RECORD 500 Sx.	AMOUNT PULLED Cement Circ.		
9 5/8	36#	3812'	12 1/4	2300 Sx.	Cement Circ.		
5 1/2	17#	10,445'	8 3/4	890 Sx.	TC 7030		
30. LINER RECORD				31. TUBING RECORD			
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2 7/8	8688'	8688'
32. Perforation Record (Interval, size and number) 8780-8790' w/2 JSFF using 2" Hyper Jet Scalloped Gun - 8.4" Penetration & .33" Hole.				33. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. DEPTH INTERVAL 8780-8790' AMOUNT AND KIND MATERIAL USED 250 Gal. 15% MCA Acid w/15 Ball Sealers.			
34. PRODUCTION							
Date First Production 1-31-73		Production Method (Flowing, gas lift, pumping - Size and type pump) Flow				Well Status (Prod. or Shut-in) Shut In	
Date of Test 1-31-73	Hours Tested 24	Choke Size 15/64	Prod'n. For Test Period Oil - Bbl. 455	Gas - MCF 738	Water - Bbl. 0	Gas - Oil Ratio 1,621	
Flow Tubing Press. 1725#	Casing Pressure 0	Calculated 24-Hour Rate Oil - Bbl. 455	Gas - MCF 738	Water - Bbl. 0	Oil Gravity - API (Corr.) 34.3°		
35. Disposition of Gas (Sold, used for fuel, vented, etc.) Vented						Test Witnessed By H. P. Norton	
36. List of Attachments C-103, C-104, Deviation, Prox. Log, SN, Dual Ind. Log & Plat.							
37. 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>Robert P. Norton</u>				TITLE <u>Operations Supt. Western</u>		DATE <u>January 31, 1973</u>	

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	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 7998	T. Menefee	T. Madison
T. Queen	T. Silurian 8164	T. Point Lookout	T. Elbert
T. Grayburg	T. Fuss 8596	T. Mancos	T. McCracken
T. San Andres	T. Montoya 8932	T. Gallup	T. Ignacio Qzite
T. Glorieta	T. Simpson 9406	T. Base Greenhorn	T. Granite
T. Paddock	T. McKee 9794	T. Dakota	T.
T. Blinberry	T. Ellenburger 10,274	T. Morrison	T.
T. Tubb	T. Gz. Wash	T. Todilto	T.
T. Drinkard	T. Granite	T. Entrada	T.
T. Abo	T. Delaware Sand	T. Wingate	T.
T. Wolfcamp	T. Bone Springs	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'	512'	512'	Redbed				
512'	1600'	1088'	Anhy. & Salt				
1600'	2255'	655'	Anhy.				
2255'	2806'	551'	Anhy & Lime				
2806'	2950'	144'	Lime				
2950'	3254'	304'	Anhy & Lime				
3254'	3765'	411'	Lime				
3765'	3820'	84'	Anhy & Sand				
3820'	4980'	1160'	Anhy & Lime				
4980'	6100'	1120'	Lime				
6100'	8108'	2000'	Lime & Shale				
8108'	8252'	144'	Lime & Chert				
8252'	8430'	178'	Dolo., Chert & Lime				
8430'	8578'	148'	Dolo. & Shale				
8578'	8769'	191'	Lime				
8769'	8870'	101'	Dolo. & Lime				
8870'	8926'	56'	Lime				
8926'	9135'	209'	Dolo.				
9135'	9919'	784'	Shale & Lime				
9919'	9950'	31'	Shale				
9950'	9970'	20'	Shale & Sand				
9970'	10035'	65'	Shale & Lime				
10035'	10121'	86'	Sand & Shale				
10121'	10168'	67'	Sand, Shale & Chert				
10168'	10268'	100'	Sand & Chert				
10268'	10445'	177'	Lime & Shale				

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NEW MEXICO OIL CONSERVATION COMMISSION

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

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

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DISCREPANT RESERVOIR.
USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. ☐ OIL WELL ☐ GAS WELL ☐ OTHER Dual Oil & Gas Well	7. Unit Agreement Name
2. Name of Operator UNION TEXAS PETROLEUM, A Division of Allied Chemical Corporation	8. Farm or Lease Name Crosby Deep
3. Address of Operator 1300 Wilco Building, Midland, Texas 79701	9. Well No. 2
4. Location of Well NE 1/4 G 2310 East 1650 T10N R37E S33 T10N R37E S33	10. Field and Pool, or Wildcat Wildcat
15. Elevation (Show whether DF, RT, GR, etc.) 3015' DF	12. County Lea

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

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☐	REMEDIAL WORK ☐	ALTERING CASING ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐	COMMENCE DRILLING OPERATIONS ☐	PLUG AND ABANDONMENT ☐
POLE OR ALTER CASING ☐	OTHER ☐	CASING TEST AND CEMENT JOBS ☒	OTHER ☐

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 103.

Spudded 1 1/2" hole @ 9 P.M., CST, November 15, 1972.

September 17, 1972, T.D. 512', set 13 3/8", 48#, H-40 @ 504'. Cemented w/500 sx. Class "C" and circulated cement. W.O.C. 24 hrs. Tested casing to 1000 psi for 30 min, w/no decline in pressure.

November 29, 1972, T.D. 3820', set 9 5/8", 36#, K-55 @ 3812'. Cemented 1st Stage w/900 sx. of Lite-wate + 8% Gel, tailed in w/150 sx. of Class "C" w/1% CaCl₂. Plug down @ 7:18 A.M., CST, 11-30-72. D.V. tool set @ 1814'. Cemented 2nd Stage w/1200 sx. of Lite-wate + 8% Gel, tailed in with 50 sx. of Class "C" w/1% CaCl₂. Closed D.V. tool @ 1:30 P.M., CST, 11-30-72. Cement circulated. W.O.C. 24 hrs. Pressured casing to 1500 psi w/no decline in pressure.

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

SIGNED Robert P. Vernon TITLE Operations Supt. Western Area DATE December 6, 1972

APPROVED BY Joe D. Ramsey TITLE Dist. I, Supv. DATE DEC 8 1972

CONDITIONS OF APPROVAL, IF ANY:

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NEW MEXICO OIL CONSERVATION COMMISSION

Form C-103
Supersedes Old
C-102 and C-103
Effective 1-1-65

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

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Oil Well ☒ Gas Well ☐ Other _____	7. Unit Agreement Name
2. Name of Operator UNION TEXAS PETROLEUM CORPORATION, A Division of Allied Chemical Corp.	8. Farm or Lease Name Crosby Deep
3. Address of Operator 1300 Wilco Building, Midland, Texas 79701	9. Well No. 2
4. Location of Well UNIT LETTER G 1650 FEET FROM THE North LINE AND 2310 FEET FROM TAXE East LINE, SECTION 33 TOWNSHIP 25-S RANGE 37-E SMPM.	10. Field and Pool, or Wildcat Wildcat
15. Elevation (Show whether DF, RT, CR, etc.) 3015' DF	12. County Lea

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 ☐	CHANCE PLUGS ☐	COMMENCE DRILLING OPS. ☐	PLUG AND ABANDONMENT ☐
PULL OR ALTER CASING ☐	OTHER ☐	CASING TEST AND CEMENT JOBS ☐	OTHER Production String ☒

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 1603.

Spudded 17½" hole @ 9 P.M., CST, November 15, 1972.

September 17, 1972, TD 512' set 13 3/8" 48#, H-40 csg. @ 504'. Cemented w/500 sx. Class "C" and circ. cement. WOC 24 hrs. Tested csg. w/1000 psi for 30 min. w/no dec. in pressure.

November 29, 1972, 12½" hole, TD 3820', set 9 5/8", 36# K-55 @ 3812'. Cemented 1st Stage w/900 sx. of Lite-wate + 8% Gel, tailed in w/150 sx. of Class "C" w/1% CaCl2. Plug down @ 7:18 A.M., CST, November 30, 1972. DV tool set @ 1814'. Cemented 2nd Stage w/1200 sx. of Lite-wate + 8% Gel, tailed in w/50 sx. Class "C" w/1% CaCl2. Cement Circ. WOC 24 hrs. Pressured csg. to 1500 psi for 30 min. w/no dec. in pressure.

January 10, 1973 8 3/4" hole, TD 10,445' set 5½" 17# J-55 & N-80 @ 10,445'. Cemented 1st Stage w/350 sx. Class "H" 50/50 Lite-poz. FC @ 10,423' & DV tool @ 9317'. Cemented 2nd Stage w/540 sx. Dowell expanding cmt. Closed DV tool @ 11:25 P.M., CST. Top cement @ 7030'.

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

SIGNED Robert T. Plummer TITLE Operations Supt. Western Area DATE January 31, 1973

APPROVED BY Joe D. Ramsey TITLE Dist. I, Supv. DATE FEB 6 1973

CONDITIONS OF APPROVAL IF ANY:

Jones, William V., EMNRD

From: Dan Johnson [danjei08@yahoo.com]
Sent: Tuesday, July 20, 2010 7:05 AM
To: Jones, William V., EMNRD
Cc: Mull, Donna, EMNRD
Subject: Fw: Crosby Deep #2
Attachments: Crosby_Deep_2_CBL_7-19-10.pdf; DC Energy C-103 Crosby Deep #2 07-20-2010.doc

Good Morning Will, Please see attached Cement Bond Log and C-103, it shows that the San Andreas Zone is cemented already, Please remove the stipulation on the Gregory #4 permit SWD 240-A. Please confirm receipt, and that the stipulation has been removed. I will call you later.

Donna, Please see attachments and please forward this e-mail to E.L and to Mark.

Thank you,

DC Energy LLC
Dan G. Johnson
105 Oscar Lane
Dallas, Georgia 30132
770-757-3715 Cell
877-795-9806 Fax
danjei08@yahoo.com

----- Forwarded Message -----

From: eric mcclusky <ericwvoktx@yahoo.com>
To: Dan Johnson <danjei08@yahoo.com>; lb050569@gmail.com
Sent: Mon, July 19, 2010 11:02:37 PM
Subject: Crosby Deep #3

Hey Guys,

The San Andres has more than 500' of cement above and below the interval of 3900' to 4682' according to the CBL ran on 7/19/10.

thanks

Submit 1 Copy To Appropriate District
Office
District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Ave., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM
87505

State of New Mexico
Energy, Minerals and Natural Resources

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-103
October 13, 2009

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)		WELL API NO. 30-025-24287
1. Type of Well: Oil Well ☒ Gas Well ☐ Other ☐		5. Indicate Type of Lease STATE ☒ FEE ☐
2. Name of Operator DC ENERGY LLC		6. State Oil & Gas Lease No. 306783
3. Address of Operator 105 OSCAR LANE DALLAS GA 30132		7. Lease Name or Unit Agreement Name CROSBY/Gregory
4. Well Location Unit Letter B : 25' feet from the SOUTH line and 37' feet from the EAST line Section 33 Township Range NMPM County		8. Well Number #2
11. Elevation (Show whether DR, RKB, RT, GR, etc.)		9. OGRID Number 268370
		10. Pool name or Wildcat

12. 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. ☐	P AND A ☐
PULL OR ALTER CASING ☐	MULTIPLE COMPL. ☐	CASING/CEMENT JOB ☒	
DOWNHOLE COMMINGLE ☐			

OTHER: **Cement Bond Log** ☒ OTHER: **See Attached Log** ☒

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Attempted to perforate SAN ANTONIO ZONE, shot at 5200'. ZONE WOULD NOT TAKE SHOTS.
RAN Cement Bond Log: 5300' (Bottom) 3300' (Top)
Log shows the TOTAL ZONE ALREADY HAS Cement From top to bottom. See Attached Log
operator Request Cementing the SAN ANTONIO ZONE stipulation be removed from SWD 240-A permit.

Spud Date:

Rig Release Date:

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

SIGNATURE

Dan Johnson

TITLE

Mgr. Production

DATE

7-20-2010

Type or print name

DAN JOHNSON

E-mail address:

DANJOHNSON@YAHOO.COM

PHONE:

770-757-3715

For State Use Only

APPROVED BY:

TITLE

DATE

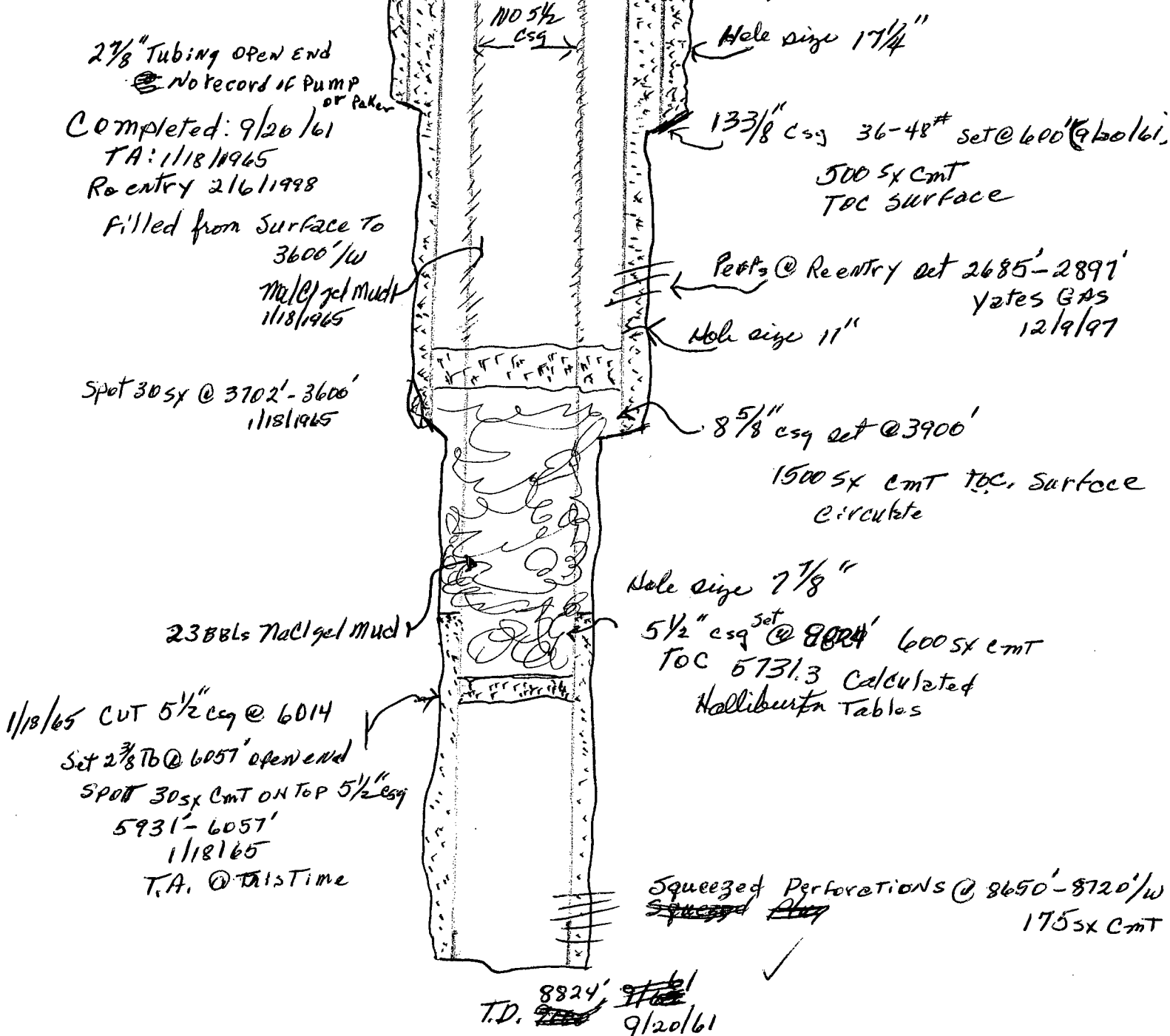
Conditions of Approval (if any):

Schematic Well Bore of C.C. Cagle's #3

UL-D Sec. 3, T26S, R37E 660' FAL & 660' FWL LEA COUNTY NM

605 N Big Spring Suite 602
REMUDA OPERATING CO. ~~301 N Colorado St~~ MIDLAND, TX

Elevation 3004' OF JALMATT GAS Producing Yates API 30 025 11933



C.C. CAGLE #3 Sec 3 26S37E
API-30025-11933

660 FWH & 660 FWH
UL-D

COUNTY	LEA	FIELD Crosby	STATE NM	OWO
OPR	AMFRADA PETROLEUM CORPORATION			MAP
3 Cagle, C. C. "C"				
Sec. 3, T-26-S, R-37-E				
660' fr N & W Lines of Sec.				
Re-Spud 1-11-65				
Re-Comp 1-16-65				
		FORMATION	DATUM	FORMATION
CSG & SX - TUBING				
13 3/8"	640'	550		
8 5/8"	3650'	1400		
5 1/2"	8824'	400		
LOGS EL GR RA IND HC A				
TD 8824', PBD 3600'				

Remade Off.

Producing well

Crosby, Devon GAS

dates 2685'-2897'

TEMPORARILY ABANDONED

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CONT.	PROP DEPTH	TYPE
DATE		

3-22-65 F.R.C. 3-25-65; OWO, OTD 8824'
Orig comp from Devonian Gas perfs 8758-8811'
Elev. 3004' Df, Orig.
TD 8824', PBD 3600', TEMPORARILY ABANDONED.
Squeezed perfs 8758-8811' W/150 sx.
Perf 8650-70' W/1 SPF
Ac. 1500 gals.
Would not flow
Perf 8700-20' W/2 SPF
Would not flow.
Squeezed perfs 8650-8720' W/175 sx.
Perf 8740-48' W/2 SPF
Ac. 500 gals
Non-commercial
Squeezed perfs 8740-48' W/100 sx.

3-22-65

- cont. -

Perf 8670-8710' W/2 SPF

Would not flow

Squeezed perfs 8670-8710' W/100 sx.

Perf 8580-8610', 8620-25' W/1 SPF

Ac. 500 gals.

Swbd dry.

Re-Ac. 2000 gals. 8580-8625'

Swbd, Non-Commercial

Squeezed perfs 8580-8625' W/75 sx.

Cut 5½" casing @ 6010' & Pulled

Spotted plugs to 3600' & Temporarily
Abandoned.

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

FORM C-12B
 Revised 5/1/57

SEE INSTRUCTIONS FOR COMPLETING THIS FORM ON THE REVERSE SIDE

SECTION A				DATE AUG 8 AM 10 07
Operator Amerada Pet. Corp.		Lease C.C. Cagle		Well No. 3
Grid Letter D	Section 3	Township 26 South	Range 37 East	County Lea
Actual Footage Location of Well: 660 feet from the North line and 660 feet from the West line				
Ground Level Elev.	Producing Formation Devonian	Pool Greasy Devonian	Dedicated Acreage: 160 Acres	

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

Owner	Land Description

SECTION B

CERTIFICATION

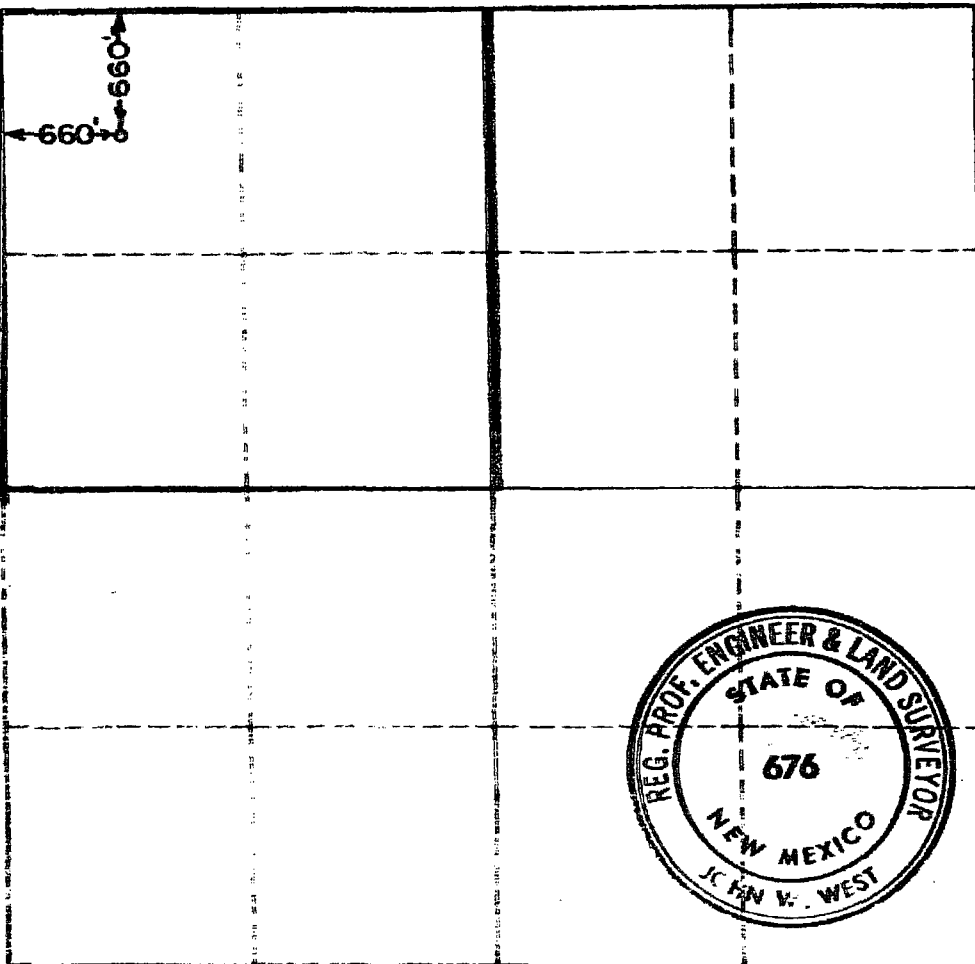
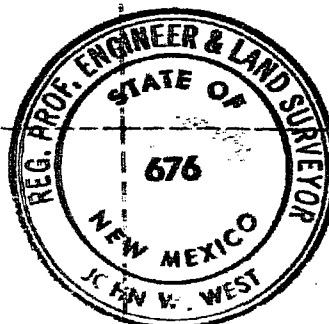
I hereby certify that the information in SECTION A above is true and complete to the best of my knowledge and belief.

Name **D.C. Cagle**
DISTRICT SUPERINTENDENT
 Position
AMERADA PET. CORPORATION
 Company
August 5, 1961
 Date

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

Date Surveyed **7-29-61**
 Registered Professional Engineer and/or Land Surveyor, **JOHN W. WEST**

 Certificate No. **W. M. - P. E. & L. S. NO. 676**



UNIT STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPlicate
(Other instructions on
verse side)

Form approved
Budget Bureau No. 42-21424

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. ☐ OIL WELL ☐ GAS WELL ☐ OTHER T.A.		5. LEASE DESIGNATION AND SERIAL NO. 030176-B Las Cruces	
2. NAME OF OPERATOR Amerada Hess Corporation		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
3. ADDRESS OF OPERATOR Drawer "D", Monument, New Mexico 88265		7. UNIT AGREEMENT NAME	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 660' FNL & 660' FWL of Sec. 3		8. FARM OR LEASE NAME C.C. Cagle "C"	
14. PERMIT NO.		9. WELL NO. 3	
15. ELEVATIONS (Show whether OF, HT, CR, etc.) 3004' DF		10. FIELD AND POOL, OR WILDCAT Crosby Devonian	
		11. SEC., T., R., M., OR B.L. AND SURVEY OR AREA Sec. 3, T-26-S, R-37-E	
		12. COUNTY OR PARISH Lea	
		13. STATE New Mexico	

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

NATURE OF INTEREST TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF	☐	PULL OR ALTER CASING	☐	WATER SHUT-OFF	☐	REPAIRING WELL	☐
FRACURE TREAT	☐	MULTIPLE COMPLET	☐	FRACURE TREATMENT	☐	ALTERING CASING	☐
SHOOT OR ACIDIZE	☐	ABANDON*	☐	SHOOTING OR ACIDIZING	☐	ABANDONMENT*	☒
REPAIR WELL	☐	CHANGE PLANS	☐	(Other)	☐		

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

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

1-25-73:

Removed well head and master valve. Spotted 10 sack cement plug in top of casing. Welded plate on top of casing and installed 4' dry hole marker. Well P & A 1-25-73.

January 1965:

Ran casing cutters and cut 5-1/2" casing at 6010'. Spotted 30 sx. cement plug in top of 5-1/2" casing from 5931' to 6057'. Flushed with 23 bbls. salt gel mud. Reset tubing at 3702'. Spotted 30 sx. cement plug in base of 8-5/8" casing from 3600' to 3703'. Filled 8-5/8" casing from surface to 3600' with salt gel mud. Installed well head & T.A.

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

SIGNED

[Signature]

TITLE

Supver., Admin. Serv.

DATE

1-25-73

(This space for Federal or State office use)

APPROVED BY

TITLE

APPROVED

DATE

CONDITIONS OF APPROVAL, IF ANY:

MAY 21 1973

*See Instructions on Reverse Side

J L GORDON
ACTING DISTRICT ENGINEER

UNITED STATES N.M. Oil Cons. Div.
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
P.O. Box 1980
Hobbs, NM 88241FORM APPROVED
0948 NO. 1004-0137
Expires: February 28, 1995

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

2. LEASE IDENTIFICATION AND SURVEY NO.

LC-030176-B

6. IF OTHER, ALLOTTED OR TRUSS NAME

7. FIRST ACCESSION PAGE

8. FARM OR LEASE NAME, WELL NO.

C.C. Cagle "C" #3

9. API WELL NO.

30-025-11933

10. FIELD AND POOL OR WELDCAT

Jalmat Yates-Seven Rivers

11. SURV. T. B. N. ON BLOCK AND SURVEY OR AREA

3-T26S-R37E, N.M.P.M.

1. TYPE OF WELL: OIL ☐ GAS ☒ HOT ☐ Other _____

3. TYPE OF COMPLETION:

NEW WELL ☐ WHEN OPEN ☐ REPERFORATE ☐ FILL ☐ SURF. CEMENT ☒ Other Re-entry

2. NAME OF OPERATOR

Seay Exploration, Inc.

3. ADDRESS AND TELEPHONE NO.

407 N. Big Spring, Ste. 200, Midland, Texas 79701

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

At surface 660' FNL & 660' FWL Unit D

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

12-9-97

12. COUNTY OR PARISH

Lea

13. STATE

NM

15. DATE STOPPED

16. DATE T.D. REACHED

17. DATE COMPL. (Ready to prod.)

2-6-98

18. ELEVATION (SURF. OR SURF. TO GR. SURF.)*

3004'

19. SURF. CEMENTED

20. TOTAL DEPTH, MD & TVD

3650'

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

3500'

22. IF MULTIPLE COMPL., HOW MANY*

23. INTERVALS DRILLED BY

ROTARY TOOLS

X

CABLE TOOLS

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

Yates Formation @ 2685' - 2897'

25. WAS DIRECTIONAL SURVEY MADE

NO

26. TYPE ELECTRIC AND OTHER LOGS RUN

CBL/CNL

27. WAS WELL CURED

NO

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

CASING SIZE/GRADE	WEIGHT, LB/FT.	DEPTH SET (MD)	BOLE SIZE	TOP OF CEMENT, CEMENTING RECORD*	AMOUNT FULLED
13 3/8"	36-48#	600'	17 1/4"	500 SX (In place existing)	MISSING
8 5/8"	24-32#	3900'	11"	1500 SX	RECEIVED
5 1/2"	15.5-17#	9000' (5100')	7 7/8"	600 SX	RECEIVED

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	BACKS CEMENT*	STRENGTH (MD)	SIZE	DEPTH SET (MD)	BACKS SET (MD)

30. PERFORATION RECORD (Interval, size and number)

2685' - 2997' w/30 shots, 30/perfs

31. ACID SHOT, FRACTURE CEMENT, SQUEEZER, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND TYPE OF MATERIAL USED
	850 gal. 7 1/2% acid NEFF HCL
	100,000 gals. 50 quality CO2 foam
	w/290,000# 12/20 mesh sand

32. PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)
2-6-98	Pumping	Producing

DATE OF TEST	HOLES TESTED	CROSS SIZE	PROD. FOR TEST PERIOD	OIL—OIL	GAS—MCF	WATER—GAL	GAS—OIL RATIO
3-11-98	24			3	280	7	9333

PLUG. STRING FROM	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—OIL	GAS—MCF	WATER—GAL	OIL GRAVITY API (COND.)

33. DISPOSITION OF GAS (field, used for fuel, vented, etc.)

34. LIST OF ATTACHMENTS

35. I hereby certify that the foregoing and attached information is complete and correct and derived from all available records.

SIGNED

May Eschberg

TITLE

Agent

DATE

3-12-98

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRIPLE
(Other instructions
verse side)Form approved
Budget Bureau No. 42-81424

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. LEASE DESIGNATION AND SERIAL NO.

030176-3 Inc. Crosson

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

C.C. Cagle "C"

9. WELL NO.

3

10. FIELD AND POOL, OR WILDCAT

Crosby Daventon

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

Sec. 3, T-26S, R-37E.

12. COUNTY OR PARISH

Inc.

13. STATE

New Mexico

1. OIL ☐ GAS ☐
WELL ☐ WELL ☒ OTHER

2. NAME OF OPERATOR

Amorosa Petroleum Corporation

3. ADDRESS OF OPERATOR

P.O. Box 668 - Hobbs, New Mexico

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

660' FNL & 660' FNL of Sec. 3

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, DT, CR, etc.)

3004' DF

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

SOURCE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETION

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

Temp. Abandon

(NOTE: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any
proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones perti-
nent to this work.)*

Run casing cutters and cut 5-1/2" casing at 6010'. Recovered 144 jts. 5-1/2" OD casing. Run 196 jts. 2-3/8" tubing set open ended at 6037'. Pumped 10 bbls. fresh water down tubing. Spotted 30 sack cement plug in top of 5-1/2" casing from 5931' to 6037'. Finished with 23 bbls. salt gel mud. Reset tubing open ended at 5782'. Spotted 30 sack cement plug in base 8-5/8" casing from 3600' to 3783'. Filled 8-5/8" casing from surface to 3600' with salt gel mud. Finished pulling and laying down tubing. Installed well head and master valve. Temporarily abandoned pending possible future remedial work.

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

SIGNED

E. C. Cagle

TITLE

District Superintendent

DATE

January 18, 1965

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

*See Instructions on Reverse Side

ACTING DISTRICT SUPERINTENDENT

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

Moved to Brown Drilling Co., 8-7-61. Set 212 lbs. of 5 1/2" casing and drilled out segment plug from surface to 8818.000. - Ran lateral, sands, Gamma Ray & Hydro Logs.

Lane Wells perforated 5 1/2" casing from 8818 to 8811. u/2 bullet shots per ft. Dynamite added 5 1/2" casing perforations from 8758 to 8811. u/3000 gallons of 15% HCl Acid, using 115 ball sealers.

Ran 2-3/8" OD RUB tubing set open extended to 8576. u/28 a 8544, Gulderson RV-30 packer set at 8003. a Gulderson Rye ball valve set at 8000.

Not open flow potential at a later date, at present. ran no. with 115 ball sealers. Open flow potential = 24 hrs. flowed on 15/64" choke, IP 2240#, 2.7187 HCF. 75 Distill.

Well produces approx. 6.7 bbls distillate per million ft. of gas. The calculated absolute potential 40 million cu. ft. gas per day. No. 1 no drill stem tests made on formation.

HISTORY OF OIL OR GAS WELL

DATE		DESCRIPTION OF WORK	REMARKS
8-7-61		Set 212 lbs. of 5 1/2" casing and drilled out segment plug from surface to 8818.000.	
8-7-61		Ran lateral, sands, Gamma Ray & Hydro Logs.	
8-7-61		Lane Wells perforated 5 1/2" casing from 8818 to 8811. u/2 bullet shots per ft.	
8-7-61		Dynamite added 5 1/2" casing perforations from 8758 to 8811. u/3000 gallons of 15% HCl Acid, using 115 ball sealers.	
8-7-61		Ran 2-3/8" OD RUB tubing set open extended to 8576. u/28 a 8544, Gulderson RV-30 packer set at 8003. a Gulderson Rye ball valve set at 8000.	
8-7-61		Not open flow potential at a later date, at present. ran no. with 115 ball sealers.	
8-7-61		Open flow potential = 24 hrs. flowed on 15/64" choke, IP 2240#, 2.7187 HCF. 75 Distill.	
8-7-61		Well produces approx. 6.7 bbls distillate per million ft. of gas.	
8-7-61		The calculated absolute potential 40 million cu. ft. gas per day.	
8-7-61		No. 1 no drill stem tests made on formation.	

DRILL LOG

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

Commenced drilling 0-7-41 to 9-20-41 Finished drilling 9-20-41, 19

OIL OR GAS SANDS OR ZONES

No. 1, from 0 to 50 No. 4, from 50 to 100
No. 2, from 50 to 100 No. 5, from 100 to 150
No. 3, from 100 to 150 No. 6, from 150 to 200

IMPORTANT WATER SANDS

No. 1, from 0 to 50 No. 3, from 50 to 100
No. 2, from 50 to 100 No. 4, from 100 to 150

CASING RECORD

Size casing	Weight per foot	Threads per foot	Make	Amount	Kind of steel	Cut and pulled from	Perforated		Purpose
							From	To	
13-3/8"	36	8	Halliburton	400					Surface
8-5/8"	26-3/4	8	Halliburton	1500					Intermediate
5-1/2"	19	8	Halliburton	400					Oil String

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13-3/8"	640'	550	Halliburton		
8-5/8"	3650'	1500	Halliburton		
5-1/2"	8824'	400	Halliburton		

PLUGS AND ADAPTERS

Heaving plug—Material None Length _____ Depth set _____
Adapters—Material _____ Size _____

SHOOTING RECORD

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

TOOLS USED

Rotary tools were used from 0' feet to 8824' feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

_____, 19____ Put to producing _____, 19____

The production for the first 24 hours was _____ barrels of fluid of which _____% was oil; _____% emulsion; _____% water; and _____% sediment. Gravity, °Bé. _____

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

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

_____, Driller _____, Driller
_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0'	6'	6'	Cellar
100'	930'	830'	Red Bed
930'	1040'	110'	Anhydrite
1040'	2450'	1410'	Salt & Ashes

Schematic of Well Bore Sam Dabbs Well #1 API 30-025-11890

UL-M Sec. 34, T25S, R37E

Plugged 7/26/62

660' FSL & 660' FWL

PRE-ONGARD OPT.

LEA CO. N.M.

Completed 6/30/62

Elevation 2998GL

13 3/8" CSG 48' @ 486'

Hole size 17 1/2"

510sx Cmt Circulated
ToC - Surface

25sx Cmt @ 1839'

Shot off 8 5/8" CSG @ 1839'
Pulled 60 STS

Spot 25sx Cmt @ CSG stub

5 1/2" CSG shot off @ 5494'
Pulled 169 STS

Spot 25sx Cmt Plug
@ 5800'

BJ shoe used

BP @ 8733'
(Permanent)

5sx Cmt on Top

T.D. 8900

(10sx Cmt to surface) Crosby - Devonian
Dry hole

25sx Cmt @ 486'

11" Hole 8 5/8" CSG (32#) (24#)
Set @ 3740' (1077') (2643')

1500sx Cmt - Pump
ToC Surface

1697' open hole No cent. @ drilling

5 1/2" CSG @ 8810' in 7 7/8" hole
400sx Cmt Pumped
ToC 5347' Calculated

Perfs @ 8713' - 8798'

8810' 5 1/2" CSG



PRE-ONGARD Well No. 001 660-54 660 FWL
PRE-ONGARD Well Operator API 30 025 11890

NUMBER OF COPIES RECEIVED	
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SANTA FE	
FILE	
U.S.S.	
LAND OFFICE	
TRANSPORTER	
OPERATION OFFICE	
OPERATOR	

NEW MEXICO OIL CONSERVATION COMMISSION
UL-M
MISCELLANEOUS REPORTS ON WELLS
(Submit to appropriate District Office as per Commission Rule 1106)
FORM C-103 (Rev 3-55)
Plugged 7/24/62
7 7 25 AM '63

Name of Company ROBERT H. ENFIELD		Address P. O. Box 807, Roswell, New Mexico				
Lease Dabbs	Well No. 1	Unit Letter M	Section 34	Township 25 South	Range 37 East	
Date Work Performed See below	Pool Undesignated			County Lea		

THIS IS A REPORT OF: (Check appropriate block)

☐ Beginning Drilling Operations	☐ Casing Test and Cement Job	☐ Other (Explain):
☒ Plugging	☐ Remedial Work	

TD-8852

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

- 7-19-62 Spotted 5 sacks cement plug on top permanent BP @ 8,733'.
- 7-23-62 Spotted 25 sacks cement plug @ 5,800'. Shot off 5 1/2" csg. @ 5,494' and pulled 169 joints.
Spotted 25 sacks plug @ 5,494' at top of 5 1/2" csg. stub.
- 7-25-62 Shot off 8-5/8" csg. @ 1,839' and pulled 60 joints.
Spotted 25 sacks plug @ 1,839' at top of 8-5/8" csg. stub.
Spotted 25 sacks plug @ 480' at base of 13-3/8" csg.
- 7-26-62 Spotted 10 sacks plug @ surface; erected dry hole marker, filled pits, and cleaned up location.

Witnessed by H. Lee Harvard	Position Geologist-Engineer	Company ROBERT H. ENFIELD
---------------------------------------	---------------------------------------	-------------------------------------

FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY
ORIGINAL WELL DATA

D F Elev.	T D	P B T D	Producing Interval	Completion Date
Tubing Diameter		Tubing Depth	Oil String Diameter	Oil String Depth
Perforated Interval(s)				
Open Hole Interval			Producing Formation(s)	

RESULTS OF WORKOVER

Test	Date of Test	Oil Production BPD	Gas Production MCFPD	Water Production BPD	GOR Cubic feet/Bbl	Gas Well Potential MCFPD
Before Workover						
After Workover						

OIL CONSERVATION COMMISSION		I hereby certify that the information given above is true and complete to the best of my knowledge.	
Approved by Leslie A. Clements	Name H. Lee Harvard		
Title OIL CONSERVATION COMMISSION	Position Geologist-Engineer		
Date JUN 1963	Company ROBERT H. ENFIELD		

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

MISCELLANEOUS NOTICES

strictly for the Oil Conservation Commission, before the work specified is to begin. A copy will be furnished to the Commission, with any modifications considered advisable, or the rejection by the Commission or agent of the plan submitted. The plan as approved should be followed, and work should not begin until approval is obtained. See additional instructions in the Rules and Regulations of the Commission.

Indicate Nature of Notice by Checking Below

NOTICE OF INTENTION TO CHANGE PLANS		NOTICE OF INTENTION TO TEMPORARILY ABANDON WELL		NOTICE OF INTENTION TO DRILL DEEPER	
NOTICE OF INTENTION TO PLUG WELL	X	NOTICE OF INTENTION TO PLUG BACK		NOTICE OF INTENTION TO SET LINER	
NOTICE OF INTENTION TO SQUEEZE		NOTICE OF INTENTION TO ACCEIZE		NOTICE OF INTENTION TO SHOOT (Nitro)	
NOTICE OF INTENTION TO GUN PERFORATE		NOTICE OF INTENTION (OTHER)		NOTICE OF INTENTION (OTHER)	

OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICOHobbs, New Mexico
(Place)July 16, 1962
(Date)

Gentlemen:

Following is a Notice of Intention to do certain work as described below at the

Robert N. Enfield San Dabbs Well No. 1 in 1/4 (Company or Operator) Lease (Unit)

SW 1/4 SW 1/4 of Sec. 34, T. 25S, R. 37E, NMPM, Undesignated, Pool

(40-acre Subdivision)

County.

FULL DETAILS OF PROPOSED PLAN OF WORK
(FOLLOW INSTRUCTIONS IN THE RULES AND REGULATIONS)

5 sx on top permanent HP set @ 8733'.
 25 sx @ top of 5 1/2" csg stub @ approx. 6000'.
 25 sx @ 5800'.
 25 sx @ Base of 8-5/8" csg at 3740'.
 25 sx @ Stub of 8-5/8" csg at approx. 1000'.
 25 sx @ Base of 13-3/8" csg at 500'.
 10 sx @ Surface.

Erect U.S.G.S. Mkr. and clean up location.

Approved _____, 19____
Except as follows:Approved
OIL CONSERVATION COMMISSIONBy Leslie A. Clements
Title _____ROBERT N. ENFIELD
Company or OperatorBy V. Lee NewmanPosition Geologist - Engineer
Send Communications regarding well to:Name Robert N. EnfieldAddress P. O. Box 507, Roswell, New Mexico

PRODUCTION

Put to Producing _____, 19____

OIL WELL: The production during the first 24 hours was _____ barrels of liquid of which _____% was
 was oil; _____% was emulsion; _____% water; and _____% was sediment. A.P.I.
 Gravity _____

GAS WELL: The production during the first 24 hours was _____ M.C.F. plus _____ barrels of
 Liquid Hydrocarbon. Shut in Pressure _____ lbs.

Length of Time Shut in _____

PLEASE INDICATE BELOW FORMATION TOPS (IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE):

Southeastern New Mexico

Northwestern New Mexico

T. Anhy. _____	919	T. Devonian _____	8700	T. Ojo Alamo _____
T. Salt _____	1030	T. Silurian _____		T. Kirtland-Fruitland _____
B. Salt _____	2465	T. Montoya _____		T. Farmington _____
T. Yates _____	2612	T. Simpson _____		T. Pictured Cliffs _____
T. 7 Rivers _____	2788	T. McKee _____		T. Menefee _____
T. Queen _____	3800	T. Ellenburger _____		T. Point Lookout _____
T. Grayburg _____		T. Gr. Wash _____		T. Mancos _____
T. San Andres _____	3425	T. Granite _____		T. Dakota _____
T. Glorieta _____	5200	T. _____		T. Morrison _____
T. Drinkard _____	5018 (?)	T. _____		T. Penn _____
T. Tubbs _____		T. _____		T. _____
T. Abo _____	6970	T. _____		T. _____
T. Penn _____		T. _____		T. _____
T. Miss _____	7845	T. _____		T. _____

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
Surf.	919		Caliche and Redbeds				
919	1030		Anhydrite				
1030	2465		Salt and Anhydrite				
2465	2612		Anhydrite and Shale				
2612	3425		Sand, dolomite, anhydrite & Sh				
3425	5200		Dolomite				
5200	5018		Sand and Dolomite				
5018	7845		Sand and Dolomite & Ls				
7845	8225		Ls & Glt				
8225	8700		Shale				
8700	8832		Dolomite				

ATTACH SEPARATE SHEET IF ADDITIONAL SPACE IS NEEDED

WELL RECORD

Mail to District Office, Oil Conservation Commission, to which Form C-101 was sent not later than twenty days after completion of well. Follow instructions in Rules and Regulations of the Commission. Submit in **QUINTUPLICATE**. If State Land submit 6 Copies

AREA GAS ACREES
LOCATE WELL CORRECTLY

Robert H. Enfield

(Company or Operator)

San Datta

(Lessee)

Well No. 1, in SW $\frac{1}{4}$ of SW $\frac{1}{4}$ of Sec. 34, T. 23N, R. 37E, NMPM.

Crosby Devonian

Pool, Lee

County.

Well is 660 feet from South line and 660 feet from West line

of Section. If State Land the Oil and Gas Lease No. is

Drilling Commenced May 29, 19 62 Drilling was Completed June 30, 19 62

Name of Drilling Contractor Horn Oil Producing & Drilling Corporation

Address

Elevation above sea level at Top of Tubing Head 2998 GL. The information given is to be kept confidential until _____, 19____.

OIL SANDS OR ZONES

No. 1, from 2612 to 3625 No. 4, from _____ to _____

No. 2, from _____ to _____ No. 5, from _____ to _____

No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from 2620 to _____ feet.

No. 2, from _____ to _____ feet.

No. 3, from _____ to _____ feet.

No. 4, from _____ to _____ feet.

CASING RECORD

SIZE	WEIGHT PER FOOT	NEW OR USED	AMOUNT	KIND OF HOSE	CUT AND PULLED FROM	PERFORATIONS	PURPOSE
13-3/8"	466	New	466'	BJ	---	---	Surface
8-5/8"	324	"	1077'	"	---	---	Intermediate
8-5/8"	244	Used	2663'	"	1839'	---	"
5-1/2"	177	"	2810'	"	5194'	2713-98 (Sol.)	Production

MUDDING AND CEMENTING RECORD

SIZE OF HOSE	SIZE OF CASING	WHERE SET	NO. BAGS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
17"	13-3/8"	466'	510 sz	Circ		
11"	8-5/8"	3710'	1920 sz	Pump		
7-7/8"	5"	8010'	460 "	Pump		

RECORD OF PRODUCTION AND STIMULATION

(Record the Process used, No. of Qts. or Gals. used, interval treated or shot.)

Perf. w/4. 257 2713-58, 2760-72, 2790-98. Treated w/300 gals. acid. Shotted salty sulf. wtr. Acidized w/300 gals. Shotted salty sulf. wtr. Drilled out to 2799'. Packer 2 6004'. Acidized w/300 gals. Shotted salt wtr. Plug back to 2799'. Perf. w/1. 1962

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

NOTICE OF INTENTION TO DRILL OR RECOMPLETION

Notice must be given to the District Office of the Oil Conservation Commission and approval obtained before drilling or recompletion begins. If changes in the proposed plan are considered advisable, a copy of this notice showing such changes will be returned to the sender. Submit this notice in QUINTUPLICATE. One copy will be returned following approval. See additional instructions in Rules and Regulations of the Commission. If State Land submit 6 Copies

P. O. Box 807, Roswell, New Mexico

(Place)

May 25, 1962

(Date)

OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO

Gentlemen:

You are hereby notified that it is our intention to commence the (Drilling) (Recompletion) of a well to be known as

Robert M. Enfield

(Company or Operator)

San Pablo

(Lease)

Well No. 1

in

Unit

The well is

located 660 feet from the S line and 660 feet from the

W line of Section 34, T. 25-S, R. 37-E, NMPM.

(GIVE LOCATION FROM SECTION LINE) Crosby Devonian Pool, Lea County

If State Land the Oil and Gas Lease is No.

If patented land the owner is Clyde M. Cooper

Address Jal, New Mexico

We propose to drill well with drilling equipment as follows: Rotary tool from surface to T.D. (8,900')

The status of plugging bond is State wide

Drilling Contractor Moran Oil Producing & Drilling Corporation
Hobbs, New Mexico

We intend to complete this well in the Devonian formation at an approximate depth of 8,800 feet.

CASING PROGRAM

We propose to use the following strings of Casing and to cement them as indicated:

Size of Hole	Size of Casing	Weight per Foot	New or Second Hand	Depth	Sacks Cement
17 1/2"	13-3/8"	48	New	500'	500 LB
11"	8-5/8"	24.6 and 32	Both	3700'	1500 LB
7-7/8"	5-1/2"	15.5 & 17	Both	8900'	400 LB

If changes in the above plans become advisable we will notify you immediately.

ADDITIONAL INFORMATION (If recompletion give full details of proposed plan of work.)

Approved _____ 19_____
Except as follows:

OIL CONSERVATION COMMISSION

Sincerely yours,

Robert M. Enfield

(Company or Operator)

By

Position

Geologist-Engineer

Send Communications regarding well to

Name

Robert M. Enfield

Address

P. O. Box 807, Roswell, N.M.

SCHEMATIC OF WELL Bore

AFTER Plugging

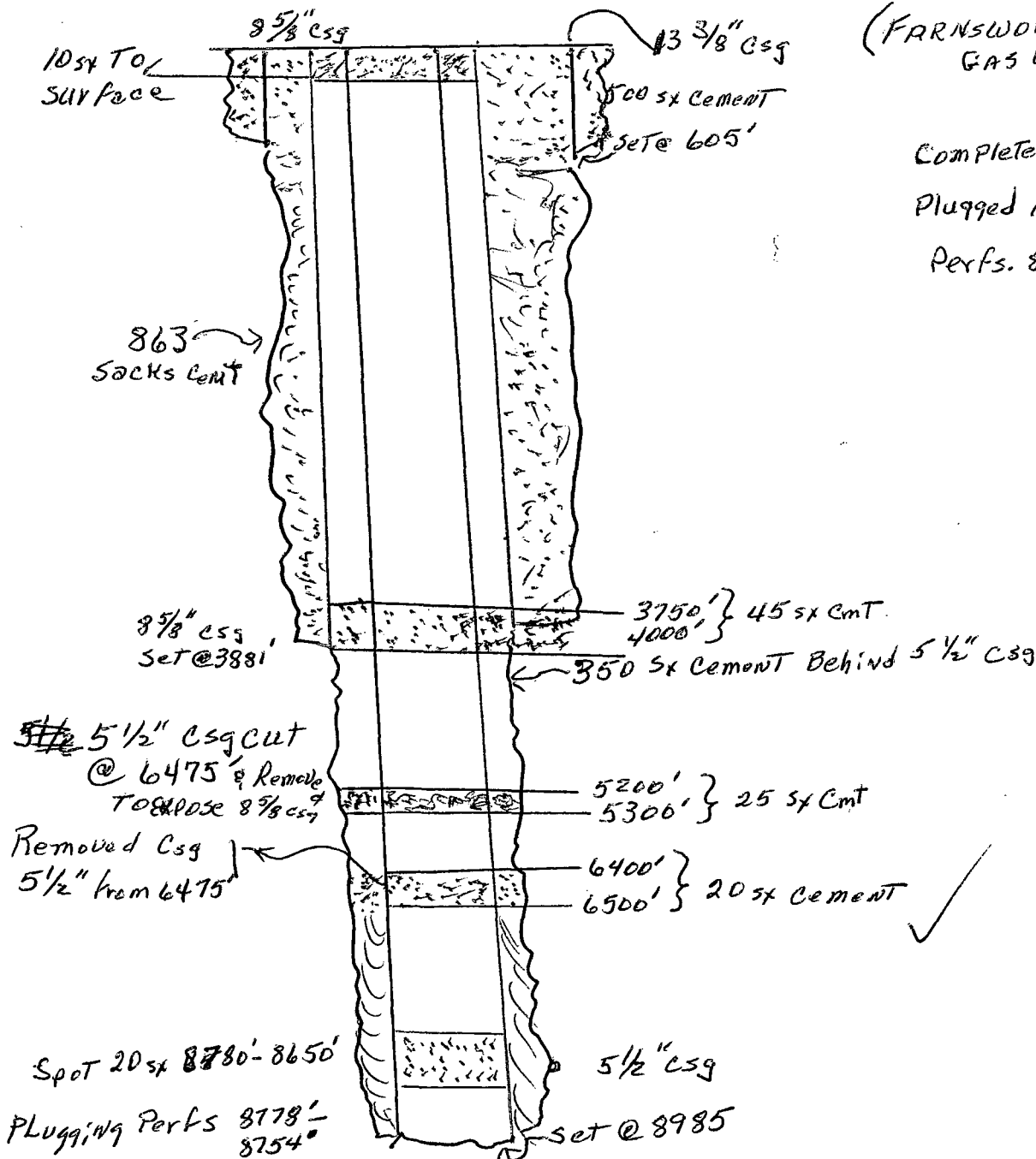
UL-C API 30 025 11951 660' FNL & 1980' FWL
Sec. 4 T26S R37E PRE-ONGARD Well #7

(FARNSWORTH C Fed #7)
GAS Well

Completed 2/22/59

Plugged 10/11/66

Perfs. 8815' - 8840'



UL-C API 30025 11951

PRE-DRILLING

UNITED STATES

DEPARTMENT OF THE INTERIOR

SUBMIT IN TR
(Other instructions
reverse side)DATE
on re-Form approved.
Budget Bureau No. 42-21424.

HOBBBS OFFICE GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

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

2. LEASE DESIGNATION AND SERIAL NO.

LC-054668

3. IF INDIAN, ALLOTTEE OR TRUST NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

FARNSWORTH C. FEDERAL

9. WELL NO.

7

10. FIELD AND POOL, OR WILDCAT

CROSBY DEVONIAN

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

4-26-37 NMPM

12. COUNTY OR PARISH 13. STATE

LEA

N.M.

1.

OIL WELL ☐ GAS WELL ☐ OTHER ☐

2. NAME OF OPERATOR

PAN AMERICAN PETROLEUM CORPORATION

3. ADDRESS OF OPERATOR

Box 68 Hobbs, N.M. 88240

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

See also space 17 below.)
At surface

660' FNL x 1980' FWL Sec. 4 (Unit C, NE 1/4 NW 1/4)

14. PERMIT NO.

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

3004' R. D. B.

16.

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

(Note: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any
proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones perti-
nent to this work.)*

On 10/11/66 Plugging and abandonment was completed

Spotted 25.04 cement plug, 8780-8650 (PERFS 8778-8754').

Cut and pulled 5 1/2" casing from 6475.

Spotted 20.04 6500-6400. (In and out of 5 1/2" stub)

25" 5300-5200

45" 4000-3750 (8 7/8" CSA 3881)

10" Surface w/ P.A. Marker erected.

Made final cleanup and restored ground
to contour.

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

SIGNED

TITLE

Area Supt

DATE

10/28/66

(This space for Federal or State office use)

APPROVED BY

TITLE

APPROVED

DATE

CONDITIONS OF APPROVAL, IF ANY:

04- USGS- H
1- HSW
1- SUSP
1- RRY
1- OB Puyuan

*See Instructions on Reverse Side

NOV 8 1966

J. L. GORDON
ACTING DISTRICT ENGINEER

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

Commenced drilling 12-21, 1958 Finished drilling 2-22, 1959

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 8815 to 8810 (G) No. 4, from _____ to _____
No. 2, from _____ to _____ No. 5, from _____ to _____
No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

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

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of pipe	Cut and pulled from	Perforated		Purpose
							From—	To—	
13-3/8	35.6	Arnes	Arnes	592	Float				Surface
8-5/8	24	8	7-55	511	2100				Intermediate
5-1/2	17	8	1-55	502	Float		8815	8810	Oil String
w/2 shots per foot									

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13-3/8	685	500	HOWCO		
8-5/8	3881	863	HOWCO		
5-1/2	8985	350	HOWCO		

PLUGS AND ADAPTERS

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

SHOOTING RECORD

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

TOOLS USED

Rotary tools were used from Surface feet to 8985 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

Completed 2-26, 1959 Put to producing Shut in pending pipe line connection
The production for the first 24 hours was _____ barrels of fluid of which _____ % was oil; _____ %
emulsion; _____ % water; and _____ % sediment. Gravity, °Bé. _____
If gas well, cu. ft. per 24 hours 5800 MCPPD Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. 3670 Produced distillate at rate of 153.6 barrels per day

EMPLOYEES

_____, Driller O. L. Rector, Driller
D. H. Gardner, Driller L. Bryant, Driller
W. T. Sherwood, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION	
0	685	685	Red Bed & Shale	Tops
685	1240	555	Shale	Yates - 2560'
1240	1483	243	Anhy. Gyp	San Andres - 4080'
1483	2373	890	Anhy.. Salt	Glorietta - 5210'

HISTORY OF OIL OR GAS WELL

15-60091-2 U. S. GOVERNMENT PRINTING OFFICE

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

Well was drilled to TD 8985 and perforated 8815-8840 w/2 shots per foot. Acidized with 5,000 gallons 15% acid. On test well flowed 1380 MCFPD on 4 point back pressure test and 153.6 barrels distillate per day on 22/64" choke.

LEASE Gregory-El Paso-Tedrol WELL NO. 2

DATE 7-23-82 SPUDDED: 11/63 COMP. 1/64 CON. TO SWD 12/68

ELEV.: 2999 DF

#87 Queen

LOCATION: 760 ESL & 1880 FWL. Sec. 33 T-25-S,

INJECTION
ZONE

R-37-E, Lea County, New Mexico

ULN API 30025 20254 20254

Well Bore Schematic of Well after Plugging - 8/23/83

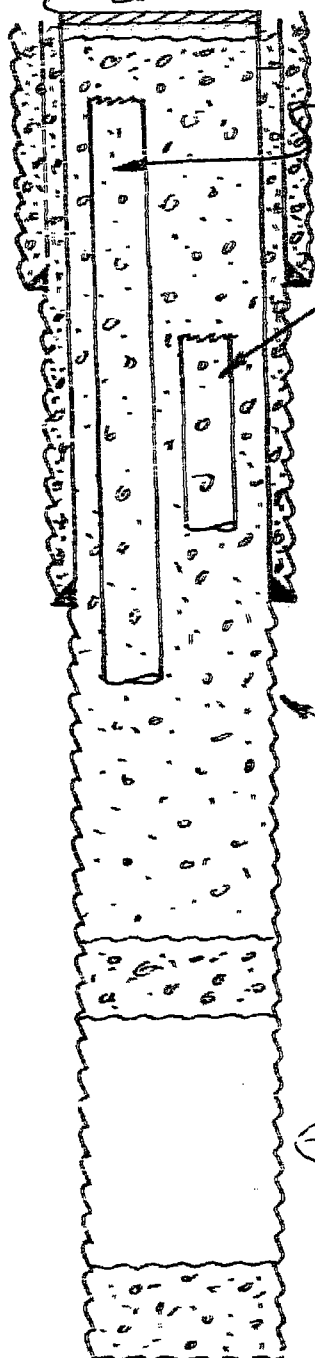
UNION TEXAS PET. CORP.

See Attached Form 9-331

Completed 11/6/64
Crosby

Queen - SWD
Production Devonian 8934'
Glorito, 5243' Miss. 8600'
Wld - 8370

1/2" Steel Plate @ Surface
on 8 5/8" CSG.



Top of Cmt. Plug @ 10' from Surface.

2 3/8" J-SS Injection tbg. 175' to 3813' (Left in well)

2 3/8" Armco Nu-Loc Work string 1862' to 3000' (Left in well)

13 3/8" CSG. @ 521 w/ 450 SX.

17 1/2" HOLE TOC Surface

8 5/8" 24 1/2# CSG. @ 3800 w/ 1300 SX. (200 sp. per 1-1 + 1100 sp. per 1-1 w/ 890 gal thru. DV @ 30)

11" HOLE TOC Surface

Well annulus plugged w/ 11,000# sd (12-20, 20-40), 10,500 gallons Flocheck, 2,325 ex cement on 10 cases Kotex

50 sp. Cement Plug 4763 - 4900'

OPEN Hole

50 sp. Cement plug 8815 to TD 8975'

T.P. 8600' Devonian (Crosby Pool)

UL-N API 30025 20254

U. S. OIL CONS. COMMISSION

UNITED STATES P. O. BOX 1000
 DEPARTMENT OF THE INTERIOR NEW MEXICO 88240
 GEOLOGICAL SURVEY

Form approved.
 Budget Bureau No. 42-B1424

3. LEASE DESIGNATION AND SERIAL NO.

LC-054667

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

SUNDRY NOTICES AND REPORTS ON WELLS RECEIVED

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.

Use "APPLICATION FOR PERMIT" for such proposals.)

Aug 3 9 46 AM '83

1. OIL WELL ☐ GAS WELL ☒ OTHER ☐	Salt Water Disposal Well	7. FARM OR LEASE NAME	Gregory El Paso Federal
2. NAME OF OPERATOR	UNION TEXAS PETROLEUM CORPORATION	8. WELL NO.	2
3. ADDRESS OF OPERATOR	1400 Wilco Bldg., Midland, TX 79701	10. FIELD AND POOL, OR WILDCAT	Crosby
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface	760' FSL & 1880' FWL of Section	11. SEC., T., R., N., OR BLK. AND SURVEY OR AREA	Sec. 33, T25S, R37E
14. PERMIT NO.	15. ELEVATIONS (Show whether DT, RT, CR, etc.)	12. COUNTY OR PARISH	13. STATE
	3010	Lea	New Mexico

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

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF

PULL OR ALTER CASING

WATER SHUT-OFF

REPAIRING WELL

FRACTURE TREAT

MULTIPLE COMPLETION

FRACTURE TREATMENT

ALTERING CASING

SHOOT OR ACIDIZE

ABANDON*

SHOOTING OR ACIDIZING

ABANDONMENT*

REPAIR WELL

CHANGE PLANS

(Other)

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

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

1. RUSU - Installed BOP and pulled 5 1/2 jts. of 2 3/8" tbgs. Tubing parted due to corrosion.
2. Ran 2 3/8" workstring to 3467' and pumped 8000 gal. flocheck and 1000 sx. Class "C" Cement in an attempt to kill well.
3. Stuck 2 3/8" workstring & cut off @ 1862'. Pulled up to 3000' prior to sticking.
4. Pumped 6500 gal. flocheck, 1600 sx. cement, 10 cases of Kotex and 11000# sand in various stages down csg.
5. Circ. cement to surf. Full bore plug 4900' to surf.
6. Welded 1/2" steel plate across 8 5/8" casing and installed marker.
7. Cleaned up location - Well P&A.

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

SIGNED

TITLE Prod. Services Supr.

DATE 8-2-83

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE 6-9-86

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRIPlicate
(Other instruction
verse side)

COPY TO BUREAU

Form approved
Budget Bureau No. 42-PL424

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. ☐ OIL WELL ☐ GAS WELL ☐ OTHER ☒ Salt Water Disposal	5. LEASE DESIGNATION AND SERIAL NO. LC-054667
2. NAME OF OPERATOR Allied Chemical Corp.-Union Texas Petroleum Division	6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR	7. UNDER AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface: Unit N, 1880' FWL and 760' FSL	8. FIRM OR LEASE NAME Gregory-El Paso-Federal
14. PERMIT NO. SWD #87	9. WELL NO. 2
15. ELEVATIONS (Show whether OF, RT, OR, etc.) 2999 DF	10. FIELD AND POOL, OR WILDCAT Crosby-Devonian
	11. SEC., T., R., M., OR BLK. AND SUEVEY OR AREA Sec. 33, T-25-S, R-37-E
	12. COUNTY OR PARISH Lea
	13. STATE New Mexico

16.

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETION

ABANDON*

CHANGE PLASS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other) Convert to SWD

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

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

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

- 12-20-68 MIRU Completion Unit - Drilled out top cement plug to 30'
- 12-21-68 C.O. to 3747' - Drilled out cement 3747'-3867'
- 12-22-68 C.O. to 4900' - Spotted 50 sx. Class "C" Incor cement with 10% sand from 4900' to 4763'.
- 12-23-68 Ran tubing & packer, swabbed heavy mud.
- 12-24-25-68 S.D.
- 12-26-68 Acidized w/1500 gal. clean-up acid. 5 BPM @900# ISIP 750#
Swabbed to clean up.
- 12-27-68 Pulled tubing & packer
- 12-28-68 Ran 2-3/8" plastic-coated tubing set at 3809' - filled annulus with 210 bbls. oil. Well ready for disposal.

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

SIGNED

Rumany

TITLE District Drlg. Supt.

DATE

1-2-69

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

APPROVED

JAN

J L GORDON
ACTING DISTRICT ENGINEER

*See Instructions on Reverse Side

Date February 3, 1964Title District Clerk

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

Commenced drilling November 19, 19 63 Finished drilling December 29, 19 63~~WELL LOGS ON OIL OR GAS SANDS OR ZONES~~

(Denote gas by G)

No. 1, from DRY to _____ No. 4, from _____ to _____

No. 2, from _____ to _____ No. 5, from _____ to _____

No. 3, from _____ to _____ No. 6, from _____ to _____

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

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

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
13-3/8 521				450	Pump & Plug				
8-5/8 3800				1300	Pump & Plug				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13-3/8 521		450	Pump & Plug		
8-5/8 3800		1300	Pump & Plug		

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____

Adapters—Material _____ Size _____

SHOOTING RECORD

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

TOOLS USED

Rotary tools were used from 0 feet to 2975 feet, and from _____ feet to _____ feet

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

DATES

_____, 19 _____ Put to producing P & A 1-4-64, 19 _____

The production for the first 24 hours was _____ barrels of fluid of which _____ % was oil; _____ % emulsion; _____ % water; and _____ % sediment. Gravity, °Bé. _____

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

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

E. D. Robinson, Driller H. J. Hickey, DrillerJ. G. Guxley, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	250	250	Sand
250	522	272	oil

FOLD MARK

COUNTY	Lea	FIELD	Crosby-Devonian	STATE	N.M.	NO.
OP.	Union Texas Petroleum Corporation					MAP
NO.	2 LSE Gregory-El Paso Federal					
SEC.	33	T.	25S	BLK	37E	SUR.
LOC.	760' fr S Line & 1880' fr W Line of Sec.					
MI.	FROM		P&A	CLASS.	EL.	
SPUD.	10-31-63		COMP. 1-5-64	FORMATION	DATUM	FORMATION
TRT.				LOG:		
				Glor	5243	
CSG. & SX.				Miss	8000	
	13 3/8"	321'	250	Wdfd	8370	
	8 5/8"	3800'	1300	Dev.	8934	
TBG.	DEPTH	SIZE				
LOGS	EL	GR	RA	IND	HC	A
				TD 8975'		PS
PROD. INT.	DAILY RATE	BS&W	GH	GOR	GTY	C. P.
						T. P.
HRS. TEST						
PLUGGED & ABANDONED						
Distribution limited and publication prohibited by subscribers' agreement.						
Reproduction rights reserved by Williams & Lee Standing Service, Inc.						
CONT.				PROP. DEPTH	8600' TYPE	
DATE						

F.R. 11-21-63
 PD 8600' - Devonian
 11-26-63 Drlg. 2704' anhy.
 12-2-63 Drlg. 3528' lm.
 12-9-63 Drlg. 5411' lm.
 12-16-63 Drlg. 7490'
 12-30-63 Drlg. 8730' sh.
 DST 8585-8705', open 1 hr,
 rec 90' Drlg. Fluid,
 30 min ISIP 509#, FP 149-135#,
 30 min PSIP 287#.
 1-6-64 TD 8975', PLUGGED & ABANDONED.
 DST 8910-75', open 1 hr,
 rec 7440' sul. wtr,
 30 min ISIP 3411#, FP 1352-3411#,
 30 min PSIP 3411#.

ITEM VII ON C-108 APPLICATION
FOR THE GREGORY A #5 AND THE CROSBY DEEP #3

It is proposed to inject ~~1000 bbls per day into the Gregory A #5 well~~ and 3000 bbls per day into the Crosby Deep #3. The injection water will come from the surrounding areas in southern Lea County and will inject produced water that contains less than 2% solids. Pressure by pump will be less than 500 psi or as the OCD rules; ~~the Gregory well is on vacuum at present.~~ If there are circumstances that exceed the average amount of injected produced water, it shall not exceed more than twice the average amount per day per well. The system will be open.

The sources of the water coming into the ~~Gregory and Crosby~~ well will be from the Yates, Queen, Penrose, and other formations from which the area wells are producing. There are records of water analysis from the formations into which the injection will occur previously filed with the OCD please see application for SWD-240 A dated 1/2010. Tests will be performed for TDS's from each truck to assure that there are less than two percent solids in the injection water. The tests will be done with a small centrifuge and a Hanna hand held meter for TDS and pH evaluations. The chlorides in water produced from the surrounding water producing wells will be in excess of 30,000 ppm and TDS's in the 50,000 ppm range. Compatibility of waters will be determined with the tests performed at the receiving station once we have all of the wells functioning so that waters produced from deeper formations can be disposed into deeper formations.

There is a water well within the one mile radius of the proposed disposal wells. The well belongs to The Willis Family Trust. The well is 190 feet deep and is in the Santa Rosa Aquifer. This well however is not producing and when it was producing it produced less than three (3) gallons per minute. A water analysis of the Santa Rosa Aquifer has been submitted in a previous application for SWD 240 A and permitted on January 27, 2010.

The Gregory disposal well did not pass the MIT test performed on December of 2009 all data is attached. Tests were performed and they show that there is a hole in the tubing approximately fourteen joints down. It is the intention to pull the tubing and packer out and examine. Tubing will be replaced as needed with J55 that is plastic coated and the MIT test performed again. Leaks in the annular casing will be repaired if needed by squeezing cement through the casing. An MIT test has not been performed on the Crosby well at this time it is planned to prepare the well before testing. D C Energy will do the test and report to OCD before remedial or further work is performed. All proper forms will be filed before work is done. It is planned to do other remedial work on the Crosby well before converting to a disposal well. The well bore will be cleaned out and swabbed, the perforations will be acidized with 15% HCl to assure that the well has good open perforations. The removable packer will be placed 100 ft. or less above the injection perforations using J55 2 7/8 tubing plastic coated. Once the packer and

ITEM VIII FORM C-108

For Gregory A no. 5 and Crosby Deep #3

Examining the geological data from LEA COUNTY DEEP AQUIFER STUDY, Shomaker and Associates, 2003 and GEOLOGY AND GROUND-WATER CONDITIONS IN SOUTHERN LEA COUNTY, NEW MEXICO, Nicholson & Clebsch, USGS, 1961 and other geological notes on file with the OCD; to the best of our knowledge there are no fresh water aquifers with less than 10,000 ppm TDS in contact with the proposed injection formations. The depth of the water bearing zone in this area is the Santa Rosa aquifer which is found at 112 feet top and bottom at 250 feet. The St Andres does furnish some waters that are less than 10,000 ppm of chlorides but these waters are found in the northern part of Lea County.

~~The records show that water from the Queen formation is not for human consumption without adequate treatment. Treatment methods are less than affordable to make the water in the Queen Formation potable. Records have been submitted and are of record in the OCD of the chloride levels in the Queen and Fusselman formations. There is attached an analysis of water from the Queen formation. The records show that water from the Fusselman formation averages more than 100,000 ppm of chlorides and over 200,000 ppm TDS's in this area. Water quality is not an issue within the Fusselman formation and is more concentrated with chlorides than the Silurian (top 8220 ft.) and Devonian formations (top 8142 ft.) which are above the Fusselman formation. Below the Fusselman formation is the Montoya (top 8920 ft.) and the Simpson (top 9256 ft.)~~

The lithology of these formations are described by Geologists as being pours and comprised of Dolomite and limestone. ~~Top of the Queen formation is approximately 3110 feet and the top of the~~

Fusselman is approximately 8640 feet. Above the Queen formation is the Seven Rivers formation with top at approximately 2802 feet and below the formation is the St. Andres formation at approximately 3635 feet.

D C Energy LLC

ITEM XI ON FORM C-108
FOR CROSBY DEEP #3 AND GREGORY A #5

There is attached a chemical analysis of water wells that are 1 ¾ miles south east of the wells mentioned above. The analysis have been filed previously when application for SWD 240-A permitted on 1/27/2010.

There is a water well on the SE ¼ of the SE ¼ of sec. 33 where these two wells are located. The water well is in the Santa Rosa aquifer and is approximately 190 feet deep but produces very little water (less than 3 gallons per minuet). At the present time this well is not functioning as it will pump off most of the time.

ENVIRONMENTAL LAB OF , INC.

"Don't Treat Your Soil Like Dirt!"

RICE OPERATING COMPANY
ATTN: DONNIE RICE
122 W. TAYLOR
HOBBS, NM 88240
FAX: 505-397-1471

Sample Type: Water
Sample Condition: Intact/ 7 deg C
Project Name: Justis, 2001 Project
Project #: SWD H-2 Facility Upgrade
Project Location: Lea County, NM
PO#: 719

Sampling Date: 12/05/01
Receiving Date: 12/10/01
Analysis Date: See Below

ELT#	FIELD CODE	Fluoride mg/L	Carbonate mg/L	Bicarbonate mg/L	Chloride mg/L	Sulfate mg/L	Nitrate mg/L	TDS mg/L
0102186-01	Willis House Water Well	3.56	<0.100	166	151	259	6.9	943
REPORT LIMIT		0.020	0.100	2.00	5.00	<0.500	<0.500	<10.0
QUALITY CONTROL		0.89	NA	NA	5050	52.0	10.3	NA
TRUE VALUE		1.00	NA	NA	5000	50.0	10.0	NA
% INSTRUMENT ACCURACY		89	NA	NA	101	104	103	NA
SPIKED AMOUNT		NA	NA	NA	250	NA	NA	NA
ORIGINAL SAMPLE		NA	NA	NA	151	NA	NA	NA
SPIKE		NA	NA	NA	403	NA	NA	NA
SPIKE DUP		NA	NA	NA	403	NA	NA	NA
% EXTRACTION ACCURACY		NA	NA	NA	101	NA	NA	NA
BLANK		<0.020	<0.100	<2.00	<5.00	<0.500	<0.500	<10.0
RPO		0.563	1.20	1.20	0.00	3.42	10.7	1.62
ANALYSIS DATE		12/12	12/18	12/18	12/14	12/12	12/12	12/11

METHODS: EPA 310.1, 375.4, 353.3, 340.1, 160.1, SW 846-9253


Randall K. Tuttle

12-19-01
Date

ITEM XII ON FORM C-108

FOR CROSBY DEEP #3 AND GREGORY A #5

Examination of the geological data from LEA COUNTY DEEP AQUIFER STUDY, Shomaker and Associates (2003) and GEOLOGY AND GROUND WATER CONDITIONS IN SOUTHERN LEA COUNTY, NEW MEXICO, Nicholson & Clebsh, USGS (1961) and other geological notes on file with the OCD; to the best of our knowledge, there are no fresh water aquifers with less than 10,000 ppm TDS in contact with the proposed injection formations of these two wells. There are no waters with less than 10,000 ppm immediately above the Queen formation and no water sources immediately above the Fusselman formation.

**PROOF OF NOTIFICATION AND VALIDADTION OF OPERATORS
ADDRESS'**

ITEM V ON C-108
FOR GREGORY A #5 AND CROSBY DEEP #3

There are 47 wells in the Area of Review for Gregory "A" No. 5 and the Crosby Deep #3. Section 33, T25S,R37E has 28 wells within the section in the AOR; 16 that are P & A and 12 that are producing. Section 34, T25S, R37E has Six wells in the AOR; Four are P & A and Two are producing. Section 4, T26S, R37E has Four wells in the AOR; One is producing and Three are P & A. Section 3, T26S, R37E has Two wells in the AOR; both are producing wells.

Section 34 surface is owned by the Willis Family Trust as is the NE ¼ and the South ½ of Sec 33. Minerals are private and are leased to operators in the W ½ of section 34 and the NE ¼ of section 33, the south ½ of section 33 minerals are property of the BLM and the surface is owned by the Willis Family Trust and the NW ¼, the surface is owned by the Owen Family and minerals by the BLM US Public Lands. The AOR for section 34 includes these ULs; D, E, F, L, K, M & N. The west ½ of section 34 is all that is in the AOR for the Gregory "A" No. 5 and the Crosby Deep #3. Section 33 has one UL in the AOR that is not in the AOR (UL – D).

Section 3, T26S, R37E surface and minerals are property of the US PUBLIC LANDS – BLM. The AOR for this section includes the UL D and involves no others.

Section 4, T26S, R37E surface and minerals are property of the US PUBLIC LANDS – BLM and includes ULs A, B and C.

From: classifieds <classifieds@hobbsnews.com>
To: Dan Johnson <danjei08@yahoo.com>
Sent: Mon, April 12, 2010 3:50:18 PM
Subject: Re: New AD

The ad will run on the 14th of April.

Thank you,

Yesenia Calderon
Classifieds
575-391-5414- Direct
575-397-0610 -Fax
classifieds@hobbsnews.com

NO
ADD


On Apr 12, 2010, at 1:04 PM, Dan Johnson wrote:

Please run the attached AD on Wed 04/14/2010 and e-mail me the confirmation of the AD being run.

Thank you,

DC Energy LLC
Dan G. Johnson
105 Oscar Lane
Dallas, Georgia 30132
770-757-3715 Cell
877-795-9806 Fax
danjei08@yahoo.com

DC Energy LLC, 105 Oscar Lane, Dallas, Georgia 30132 has filed New Mexico ODC Form C-108 (Application for Authority to Inject) with the New Mexico Oil Conservation Division seeking for administrative approval for two salt water disposal wells. One well is known as the Gregory A #5 (API Number 30-025-11884) located approximately 2 ½ miles south of Jal East of Highway 18. The legal description of the well location being; the NE ¼ of the SE ¼ of Section 33, Township 25S, Range 37E 1980 feet FSL and 660 feet FEL. The purpose of the disposal well will be for the injection of produced water from Oil and Gas producing wells in southern Lea County, New Mexico and surrounding area. The other well is known as the Crosby Deep #3 and is in the same section as the Gregory well. The API for the Crosby well is 30-025-11870 and is located approximately 1,000 feet west from the Gregory well. Legal description of the Crosby well is 1980 FSL & FEL in the same section as the Gregory well. This well is also for injection of produced water from southern Lea County and surrounding area.

The Gregory Disposal well will be injecting into the Langlie Mattix Queen formation at 3116 feet to 3128 feet below ground level with no communication with other formations. The disposal rate will be approximately 1000 barrels of produced water injected per day. The Gregory A #5 will have no pressure on the surface and if pressure is needed, the maximum pressure to be used will be 250 psi. The Crosby well will be injecting into the Fusselman formation at 8657 feet to 8675 feet below ground. The Crosby well will be injected with 3500 bbls of produced water on an average day and 6000 bbls at a maximum. Pressure for injection is not needed since the Crosby well is on vacuum and if pressure is needed it will be 500 psi and a maximum of 1000 psi or as ordered by the OCD. Fresh water sands with less than 10,000 parts per million chlorides are not in communication with the formations taking the produced water.

Anyone having requests for a hearing or objections to the operation of the above mentioned disposal wells, will need to notify The Oil Conservation Division at 1220 South St. Francis Drive, Santa Fe, New Mexico 87505, in writing within 15 days of this publication. DC Energy may be contacted by calling Dan Johnson at 770-757-3715 or by e-mail danjei08@yahoo.com

OPERATORS AND ADDRESSES IN THE CROSBY AND GREGORY DISPOSALS AOR

	A	B	C
1	Operator	Address	Well(s) in AOR API 30-025
2	Cimarex Energy Co of Colorado	P.O. Box 140907, Irving, Tx. 75014- 0907	11868;11874;1 1881;11945;31 799
3	Enervest Operating LLC	1001 Fanning St., Ste. 800, Houston, Tx. 77002	11887;29579
4	Remuda Operating	301 N. Colorado, STE. 150, Midland, TX. 79701	11935;11933
5	Lanexco B C & D	P.O. Box 1206, Jal, New Mexico 88252	28508;
6	Operating	P.O. Box 5926, Hobbs,NM 88241	11873;
7	BLM of New Mexico	620 E. Green St. Carlsbad, NM 88220	Sec.3,4; T26S, R37E: NW1/4 and S 1/2 sec.33, T25S, R37E
8	New Mexico State Lands	OCD , 1220 South, St. Francis Drive, Santa Fe, NM 87505	Pre-Ongard wells Sec. 33, T25S, R37E

(1) OIL CONSERVATION DEPT
1625 N. FRENCH DR
HOBBS, NM. 88240
575-393-0720

7010 0290 0001 9256 5

For delivery information visit our website at www.usps.com		
CARLSBAD NM 88220		
OFFICIAL USE		
Postage	\$ 13.00	0369
Certified Fee	\$ 2.80	06
Return Receipt Fee (Endorsement Required)	\$ 2.30	Postmark Here
Restricted Delivery Fee (Endorsement Required)	\$ 0.00	
Total Postage & Fees	\$ 18.10	
04/13/2010		

Sent To	
BLM of New Mexico	
Street, Apt. No., or PO Box No. 620 E. Green ST.	
City, State, ZIP+4 Carlsbad NM 88220	
PS Form 3800, August 2006 See Reverse for Instructions	

7010 0290 0001 9256 5

For delivery information visit our website at www.usps.com		
HOBBS NM 88241		
OFFICIAL USE		
Postage	\$ 13.00	0369
Certified Fee	\$ 2.80	06
Return Receipt Fee (Endorsement Required)	\$ 2.30	Postmark Here
Restricted Delivery Fee (Endorsement Required)	\$ 0.00	
Total Postage & Fees	\$ 18.10	
04/13/2010		

Sent To	
BC & D Operating	
Street, Apt. No., or PO Box No. P.O. Box 5926	
City, State, ZIP+4 Hobbs NM 88241	
PS Form 3800, August 2006 See Reverse for Instructions	

7010 0290 0001 9256 5841

U.S. Postal Service™		
CERTIFIED MAIL™ RECEIPT		
(Domestic Mail Only; No Insurance Coverage Provided)		
For delivery information visit our website at www.usps.com		
IRVING TX 75014		
OFFICIAL USE		
Postage	\$ 11.90	0369
Certified Fee	\$ 2.80	06
Return Receipt Fee (Endorsement Required)	\$ 2.30	Postmark Here
Restricted Delivery Fee (Endorsement Required)	\$ 0.00	
Total Postage & Fees	\$ 17.00	
04/13/2010		

Sent To	
Cimarex Energy Co. of Colorado	
Street, Apt. No., or PO Box No. P.O. Box 140907	
City, State, ZIP+4 Irving TX 75014-0907	
PS Form 3800, August 2006 See Reverse for Instructions	

7010 0290 0001 9256 5872

U.S. Postal Service™		
CERTIFIED MAIL™ RECEIPT		
(Domestic Mail Only; No Insurance Coverage Provided)		
For delivery information visit our website at www.usps.com		
JAL NM 88252		
OFFICIAL USE		
Postage	\$ 13.00	0369
Certified Fee	\$ 2.80	06
Return Receipt Fee (Endorsement Required)	\$ 2.30	Postmark Here
Restricted Delivery Fee (Endorsement Required)	\$ 0.00	
Total Postage & Fees	\$ 18.10	
04/13/2010		

Sent To	
Lanexco	
Street, Apt. No., or PO Box No. P.O. Box 1206	
City, State, ZIP+4 JAL New Mexico 88252	
PS Form 3800, August 2006 See Reverse for Instructions	

7010 0290 0001 9256 5858

U.S. Postal Service™		
CERTIFIED MAIL™ RECEIPT		
(Domestic Mail Only; No Insurance Coverage Provided)		
For delivery information visit our website at www.usps.com		
HOUSTON TX 77002		
OFFICIAL USE		
Postage	\$ 11.90	0369
Certified Fee	\$ 2.80	06
Return Receipt Fee (Endorsement Required)	\$ 2.30	Postmark Here
Restricted Delivery Fee (Endorsement Required)	\$ 0.00	
Total Postage & Fees	\$ 17.00	
04/13/2010		

Sent To	
Everest Operating LLC	
Street, Apt. No., or PO Box No. 1001 Fanning ST Ste. 800	
City, State, ZIP+4 Houston TX 77002	
PS Form 3800, August 2006 See Reverse for Instructions	

7010 0290 0001 9256 5865

U.S. Postal Service™		
CERTIFIED MAIL™ RECEIPT		
(Domestic Mail Only; No Insurance Coverage Provided)		
For delivery information visit our website at www.usps.com		
MIDLAND TX 79701		
OFFICIAL USE		
Postage	\$ 13.00	0369
Certified Fee	\$ 2.80	06
Return Receipt Fee (Endorsement Required)	\$ 2.30	Postmark Here
Restricted Delivery Fee (Endorsement Required)	\$ 0.00	
Total Postage & Fees	\$ 18.10	
04/13/2010		

Sent To	
Remuda Operating	
Street, Apt. No., or PO Box No. 301 N. Colorado Ste. 150	
City, State, ZIP+4 Midland TX 79701	
PS Form 3800, August 2006 See Reverse for Instructions	

7010 0290 0001 9256 5919

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

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

HOBBS NM 88240

OFFICIAL USE

Postage	\$	\$13.00	0369
Certified Fee		\$2.80	06
Return Receipt Fee (Endorsement Required)		\$2.30	Postmark Here
Restricted Delivery Fee (Endorsement Required)		\$0.00	
Total Postage & Fees	\$	\$18.10	04/13/2010

Sent To	
O:) Conservation Division	
Street, Apt. No., or PO Box No. 1625 N. French Dr.	
City, State, ZIP+4	
Hobbs NM 88240	
PS Form 3800, August 2008	See Reverse for Instructions

 Live Search Maps

 Jal, Lea, New Mexico, United States

My Notes

NEW! Try Live Search 411
Dial 1-800-CALL-411 for latest info



NM 18 To Jal & Kormit

Sec. 34; T26S, R37E

U.S. Public Lands - Surface & Minerals

The WILLIS FAMILY TRUST

P.O. BOX 307

JAL, NM 88252

03/20/2010

DC ENERGY LLC

105 OSCAR LANE

DALLAS, GEORGIA 30132

Dear Mr. Johnson,

This document is for the purpose of filing the completed Form C-108 for the OCD. Please be advised that the Willis Family Trust does not object to developing a commercial SWD on Section 33, T25S, R37E. There is a water well within one mile of the proposed SWD known as the Gregory A #5 and the Crosby Deep #3. The water well was 190 feet deep at one time. This well is a weak producer (less than three gallons per min.) and has not been in operation due to the low production of water. The water bearing zone is the Santa Rosa aquifer. The quality of water is fair but the TDS content is over 1300 ppm as per county records. The well is located at the SE ¼ of the SE ¼ corner of section 33 and SW ¼ corner of section 34; both being in T25S, R37E.

We are looking forward to an excellent relationship for the future.

Respectfully yours,

The Willis Family Trust by George Willis Trustee

George and Joyce M. Willis Trustees for the Willis Family Trust

D C ENERGY LLC

105 Oscar Lane

Dallas, Georgia 30132

March 30, 2010

Dear Sir (s) or Ms,

DC ENERGY LLC has applied to the Oil Conservation Division as rules and regulations require for two commercial salt water disposal wells. These wells are known as the Gregory A#5 (API 30-025-11884) and the Crosby Deep #3 (API 30-025-11870). The wells are located approximately 2 ½ miles south of Jal, New Mexico to the east of highway 18 and across from the Plains Pipeline Tank Farm. The legal description for the proposed SWDs is NE ¼ of the SW ¼, Section 33, T25 S, and R37E. The Wells are located 1980 FSL & FWL and approximately 1000 feet from each other within the mentioned Section. You have wells in the ½ mile radius of the disposal wells:

At the present time we expect to dispose of 6800 bbls/day with the wells on vacuum. We will be injecting into the Fusselman and Queen Formations with produced water from surrounding oil and gas producing wells. The Gregory well has been a disposal well since 2004. Objection and or requests for hearing should be sent to OCD, Santa Fe, New Mexico within 15 days from the date of receiving this notice.

If there are no objections on your part we would ask for a letter from you signifying that your operation does not object to our using these wells for a disposal wells. By signing the accompanying letter it would help in our being able to be granted Authorization from the OCD Administration much faster.

We will be able to take water from surrounding wells thereby saving on trucking costs for you. Please call if you have such a need. There will be no charge from the landowner on section 33 to lay line to the SWD.

Thank you in advance for your consideration and your time to answer this letter. Dan Johnson President of DC Energy can be reached at this number 770-757-3715 or at the above address. A sample letter is attached for your convenience if you so wish to utilize this approach.

Respectfully Yours

Dan Johnson DC Energy LLC

DC ENERGY LLC

105 OSCAR LANE

DALLAS, GEORGIA, 30132

Date

Mr. Johnson,

**We at _____, have no
objection to your company operating a disposal well in the Queen
formation or in the Fusselman formation.**

Thank you,

Jones, William V., EMNRD

From: Jones, William V., EMNRD
Sent: Monday, May 17, 2010 4:24 PM
To: 'Dan Johnson'
Cc: Ezeanyim, Richard, EMNRD; Hill, Larry, EMNRD; Kautz, Paul, EMNRD; Jones, William V., EMNRD
Subject: Disposal application from DC ENERGY LLC: Crosby Deep #3 30-025-11870 Fusselman Disposal

Hello Mr. Dan Johnson:
After reviewing your application:

You prepared a LOT of data for this application, Thank You. Unfortunately, data for Area of Review located wells which were not drilled to total depths equivalent to the disposal interval or approximate disposal interval are not needed in an application or considered as part of the AOR "well count". We are only concerned with the wells drilled to depths you would be putting in water.

The Crosby Deep #2 and #4 seem to be depleted Fusselman oil wells located within ½ mile of the subject well. Disposal into a depleted reservoir with producing wells still completed in this reservoir could be a good thing for reservoir recovery or it could cause reservoir damage – many factors must be considered. Situations like this are considered not administratively but through an examiner hearing where a Reservoir Engineer should present testimony or an opinion as to the effect of this disposal on the residual oil in the Fusselman oil reservoir. A structure map should also be presented at that hearing showing relative locations of each of these Crosby Deep Fusselman wells.

For your information, your administrative application was done very well and is almost complete. The following items were missing. You don't need to send these three items – just present them along with the complete C-108 at the examiner hearing.

- a. Please send a "Post Conversion" wellbore diagram showing tubing and packer in place. ✓ Please note, the OCD requires the disposal packer to be set within 100 feet of the disposal interval, so tapered tubing may be required ✓ – unless an exception at hearing was granted.
- b. Please send a copy of the actual newspaper notice as shown in a Lea County newspaper.

Please ask your attorney to set a case for hearing to consider this disposal (or injection?) application.

For example, the case could be styled as:

- a. "Disposal" into a depleted reservoir and evidence presented that the disposal will not cause "waste of oil and gas" or
- b. "Injection" for pilot waterflooding purposes of possibly displacing oil to the offsetting producing wells and evidence presented to support this.

If offsetting Fusselman oil rights are owned by others rather than DC Energy LLC, then a discussion of correlative rights would be needed also.

If you had suggested disposal into the numerous depleted gas reservoirs in this area, the evidence needed as to "waste" would be much greater.

There are several attorneys here in Santa Fe that regularly deal with the OCD and make this sort of application a quick study - I can send you a list if you want?

Regards,

SYCAMORE RESOURCES, LLC

3760 E. 83rd Street South
Tulsa, OK 74137-1711
Telephone: 918-492-6941
Mobile: 918-671-9067

DC Energy LLC
Dan G. Johnson
105 Oscar Lane
Dallas, Georgia 30132

May 31, 2010

Water Injection Feasibility Study
Crosby Deep Field
Sec 28 & 33 T25S-R37E
Lea County, New Mexico

Gentlemen:

DC Energy LLC has requested Sycamore Resources LLC review of the feasibility of converting the Crosby Deep Fusselman to water disposal. We have reviewed the four well lease for previous production history. It is our opinion that the lease has been depleted of all commercial oil and gas and is in a state of water influx.

Discussion

Sycamore pulled production data from four sections around the Crosby Deep Fusselman and found no other Fusselman producers except the four wells indicated. I have attached the production curves and a summary curve. All four wells have produced massive amounts of water. Initially a 25% oil cut was seen. This rapidly dropped off to 10% in three years, and to 1% there after during a 27 year life. If it were not for the gas that was produced, the lease would have folded in five years.

The cumulative production of 800,000 BBLS and 6 BCF is impressive from three wells, (the #3 was uneconomical from the start). But the price was 12 million barrels of water that had to be disposed of to get that oil and gas. My intuition tells me that the Fusselman oil was floating on a large aquifer, and the oil produced was due to an intense skimming operation.

I do not see any possibility of horizontal drilling for two reasons:

1. The price of a Fusselman 3,000' horizontal well would be in the neighborhood of \$6,000,000. The Crosby Deep reservoir is small and the reserves are not there to support such an effort.
2. The purpose of a horizontal well is to produce the reservoir as rapidly as possible. The past production shows us that the well coned water from the first day of production. A horizontal well would drown out almost immediately. It is not designed for a skimming operation.

Declarations

No onsite inspection was made of any of the properties by the evaluator. No effort was made to check for equipment liens on the above properties. No environmental audit was made to ascertain what requirements will be needed to bring the wells into compliance with state and federal regulations.

The recommendations and opinions of this letter were performed with proper engineering methodology. However, because of the nature of oil and gas production, the data quality, the market and the many variables involved, it should in no way be construed that the properties are warranted to behave in the forecasted manner. Additional activities on the leases, or information obtained subsequent to this report will require revision of the stated value.

The use or release of this report constitutes an agreement of license with the author and releases the author from any liability thereof. Sycamore Resources LLC, its employees and associates neither own nor expect to own any interest in the wells, properties, or portions of companies which are partners of the DC Energy LLC, its employees, associates, or affiliates.

We would be pleased to discuss the report in detail at your convenience.

Respectfully submitted,

A handwritten signature in black ink, reading "Mike S. Mabry". The signature is written in a cursive, flowing style with a long horizontal flourish at the end.

Mike S. Mabry PE
State of Texas 50993
Managing Partner
Sycamore Resources LLC

05/27/2010

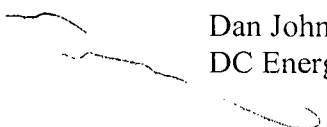
William Jones
Engineer
OCD
Santa Fe, New Mexico

Dear Mr., Jones,

As per your request DC Energy LLC plans to make the Crosby Deep # 2 another Commercial Saltwater Disposal Well in the near future and will be filing the Necessary C-115 forms and ancillary documents to accomplish this goal.

The Crosby Deep # 4 well is another situation that I will need the Departments guidance on, this well has very old submersible pump and over 9000' of very old 2 3/8 tubing and 9000' of very old Areta cable all of which is totally lodged in the hole, the tubing is parted in many places as it appears to the work over crew. I spent 3 days attempting to retrieve all of this equipment and had no success; all of this equipment has been eaten away. I am filing a Temporary Abandon form so that we can discuss.

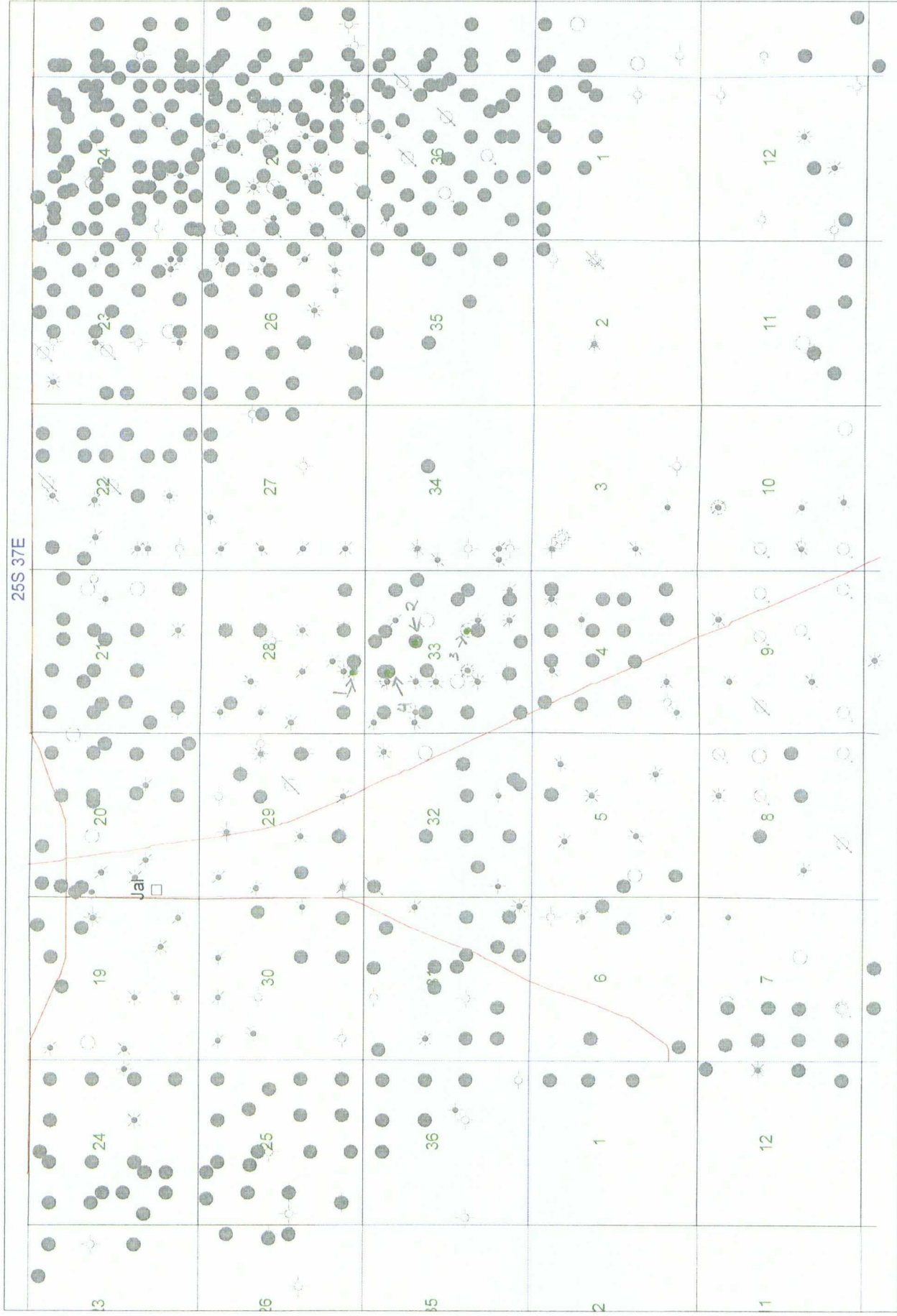
Best Regards,



Dan Johnson
DC Energy LLC

Project: K:\SYCAMORE 1\DC ENERGY LLC\crosby deep.mdb

25S 37E



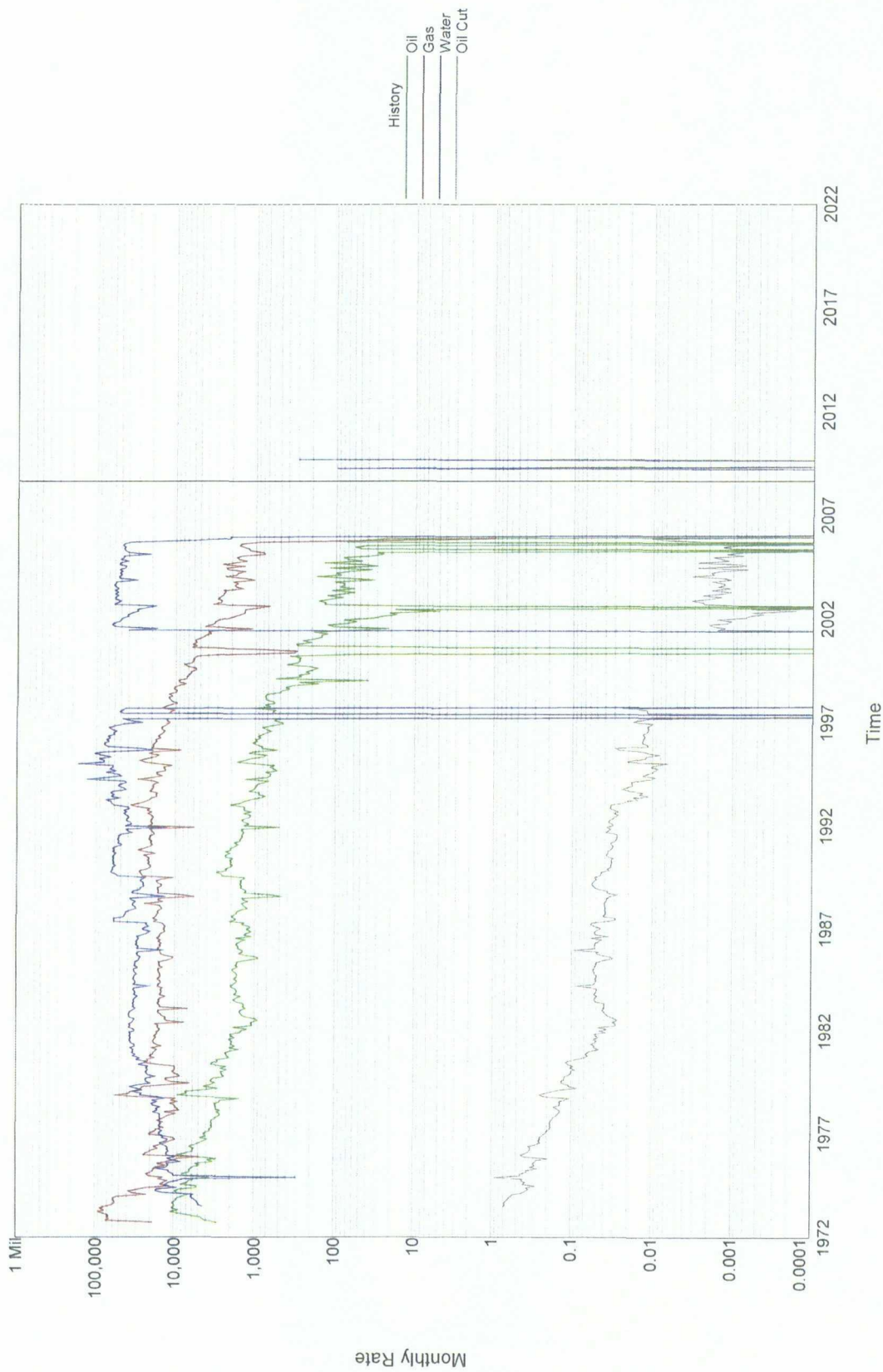
Rate/Time Graph

Summary Lease Report

Project: K:\SYCAMORE 1\DC ENERGY LLC\crosby deep.mdb

Date: 5/28/2010
Time: 3:16 PM

CROSBY DEEP FUSSLEMAN SUMMARY



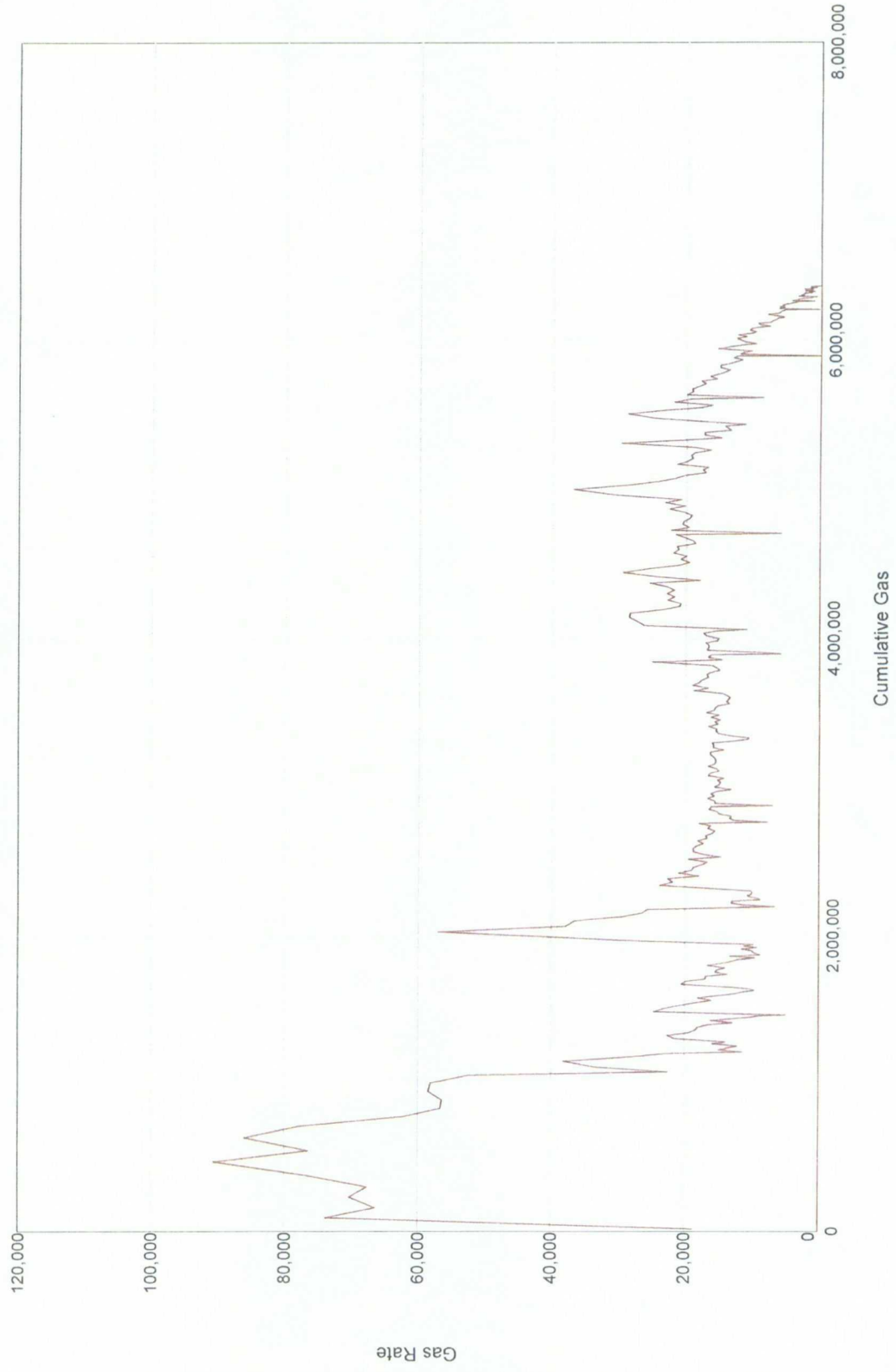
Rate/Cum Graph

Summary Lease Report

Project: K:\SYCAMORE 1\DC ENERGY LLC\crosby deep.mdb

Date: 5/28/2010
Time: 3:17 PM

CROSBY DEEP FUSSELMAN SUMMARY



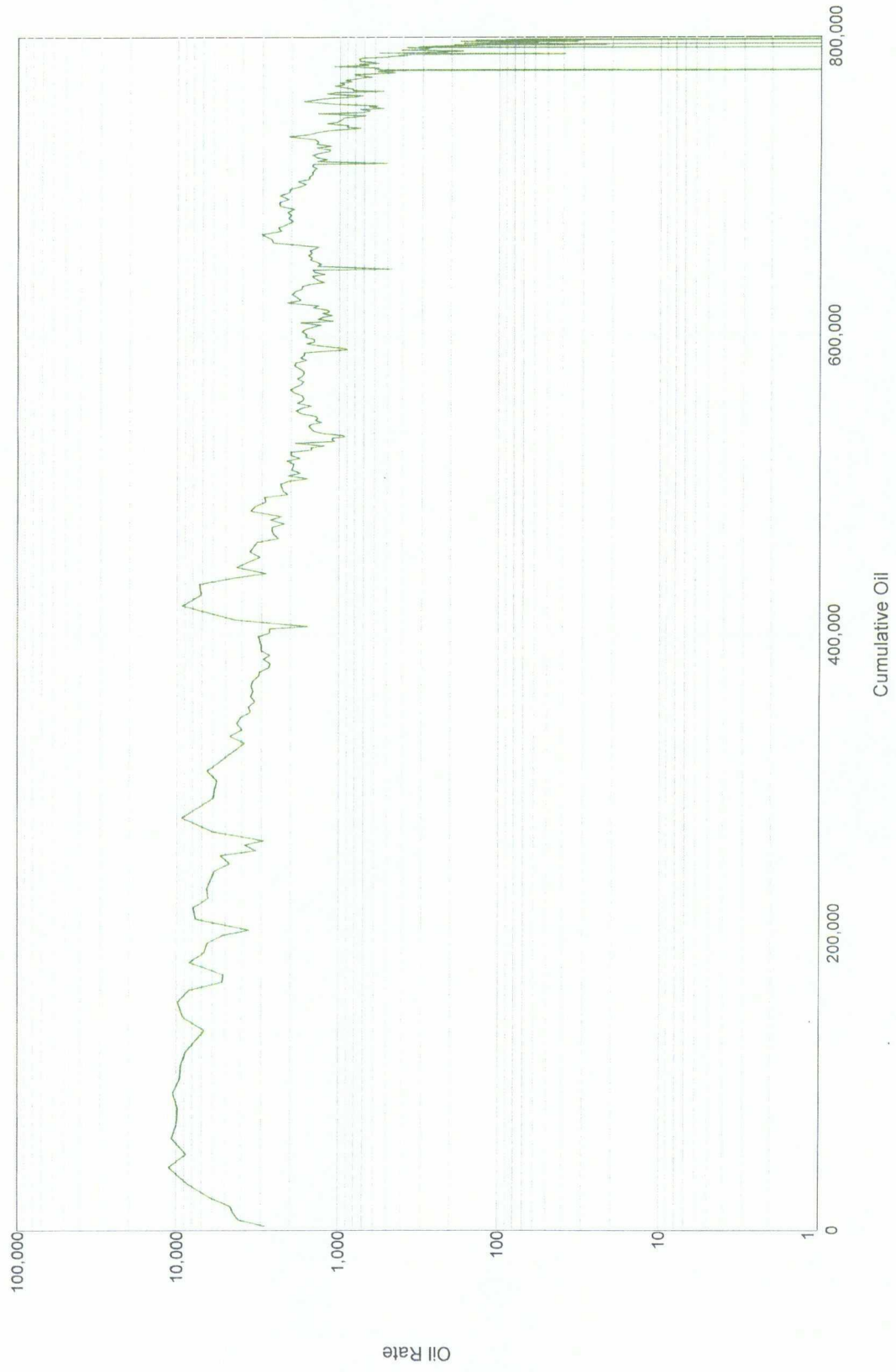
Rate/Cum Graph

Summary Lease Report

Project: K:\SYCAMORE 1\DC ENERGY LLC\crosby deep.mdb

Date: 5/28/2010
Time: 3:19 PM

CROSBY DEEP FUSSELMAN SUMMARY



Rate/Time Graph

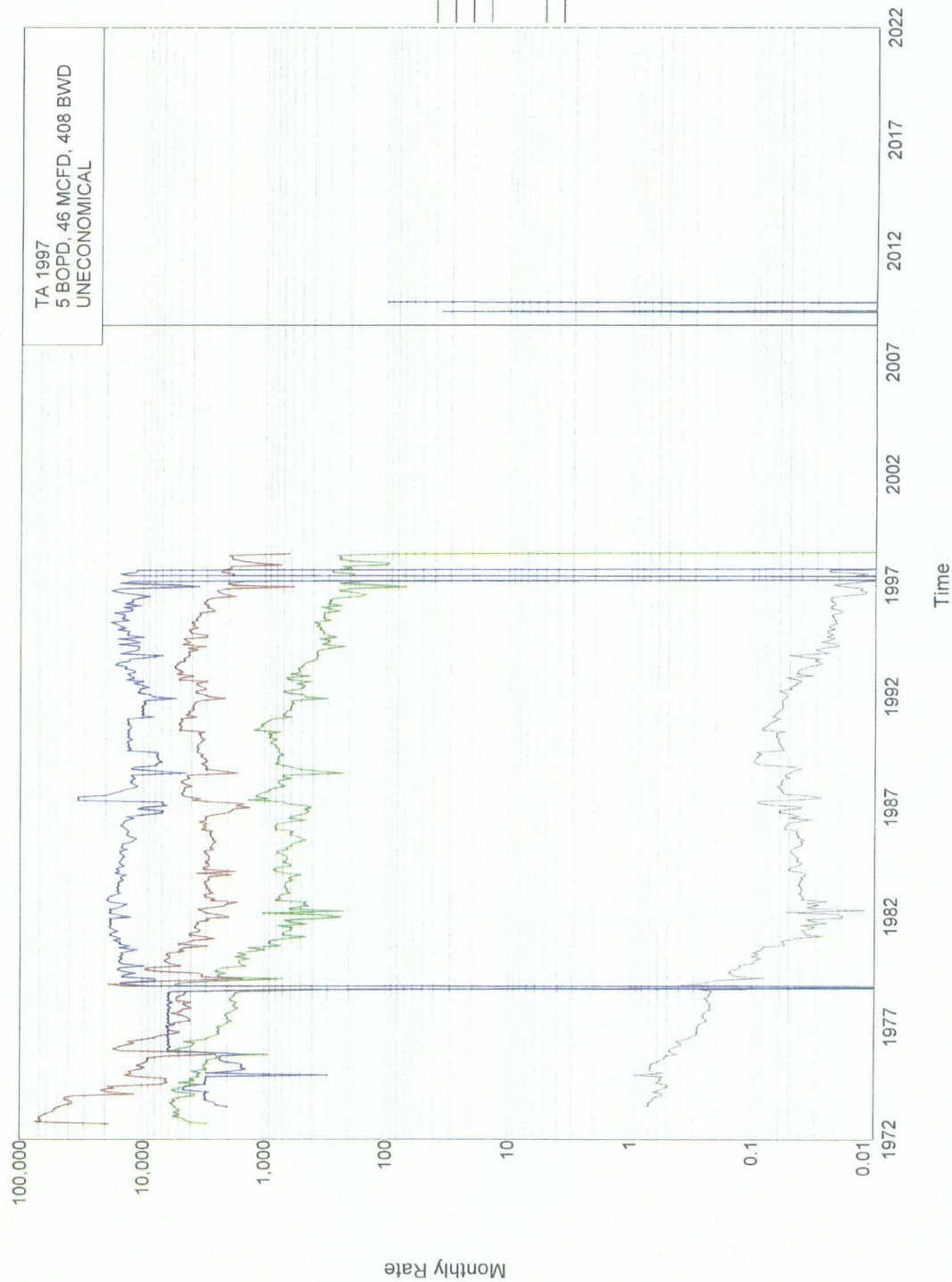
Lease Name: CROSBY DEEP (1)
County, ST: LEA, NM
Location: S25 E37 28 S2 SE SW

Project: K:\SYCAMORE 1\DC ENERGY LLC\crosby deep.mdb

Operator: DC ENERGY LLC
Field Name: CROSBY

Date: 5/28/2010
Time: 3:11 PM

CROSBY DEEP 1



Rate/Time Graph

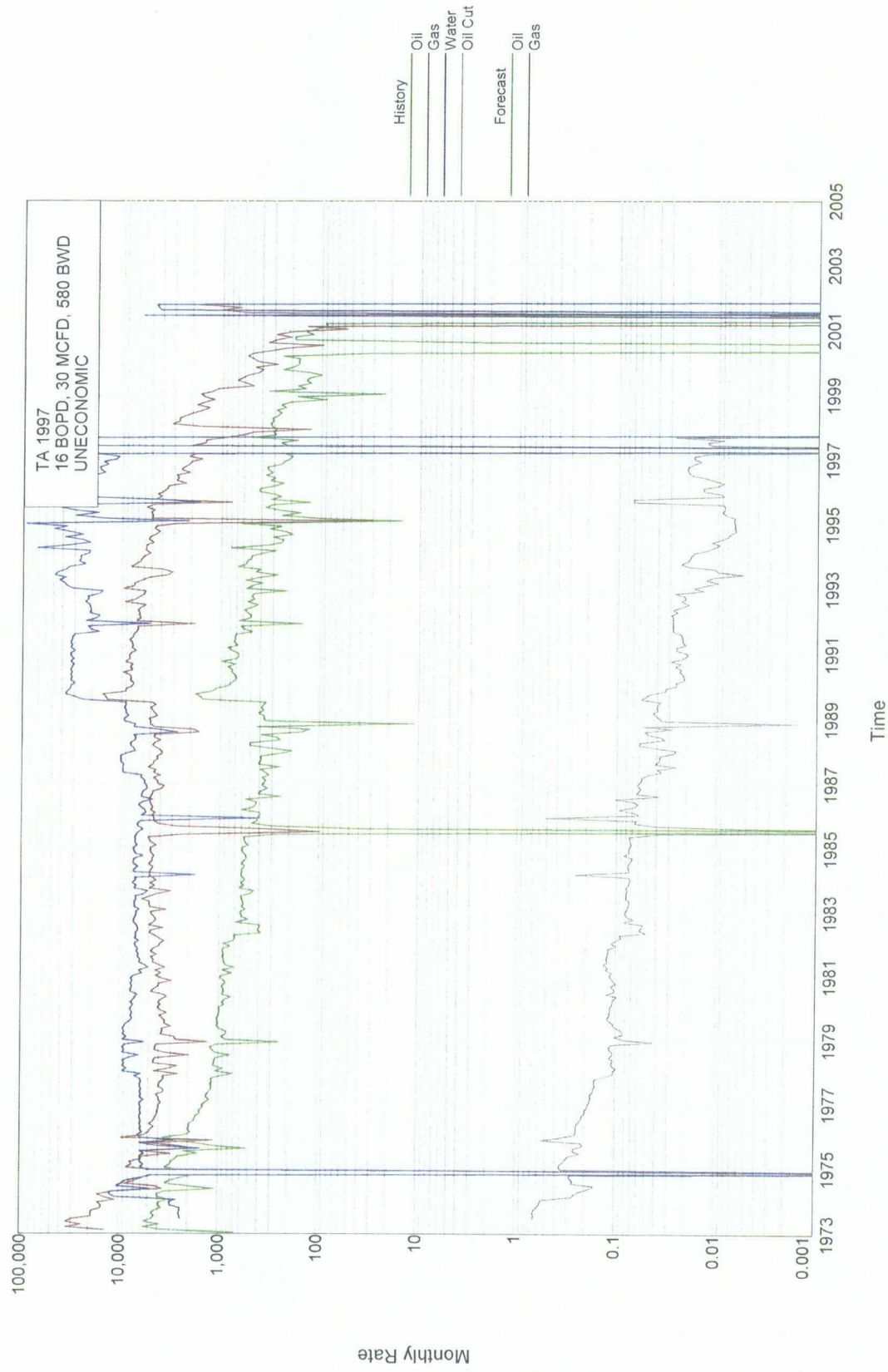
Lease Name: CROSBY DEEP (2)
County, ST: LEA, NM
Location: S25 E37 33

Project: K:\SYCAMORE 1\DC ENERGY LLC\crosby deep.mdb

Operator: DC ENERGY LLC
Field Name: CROSBY

Date: 5/28/2010
Time: 3:11 PM

CROSBY DEEP 2



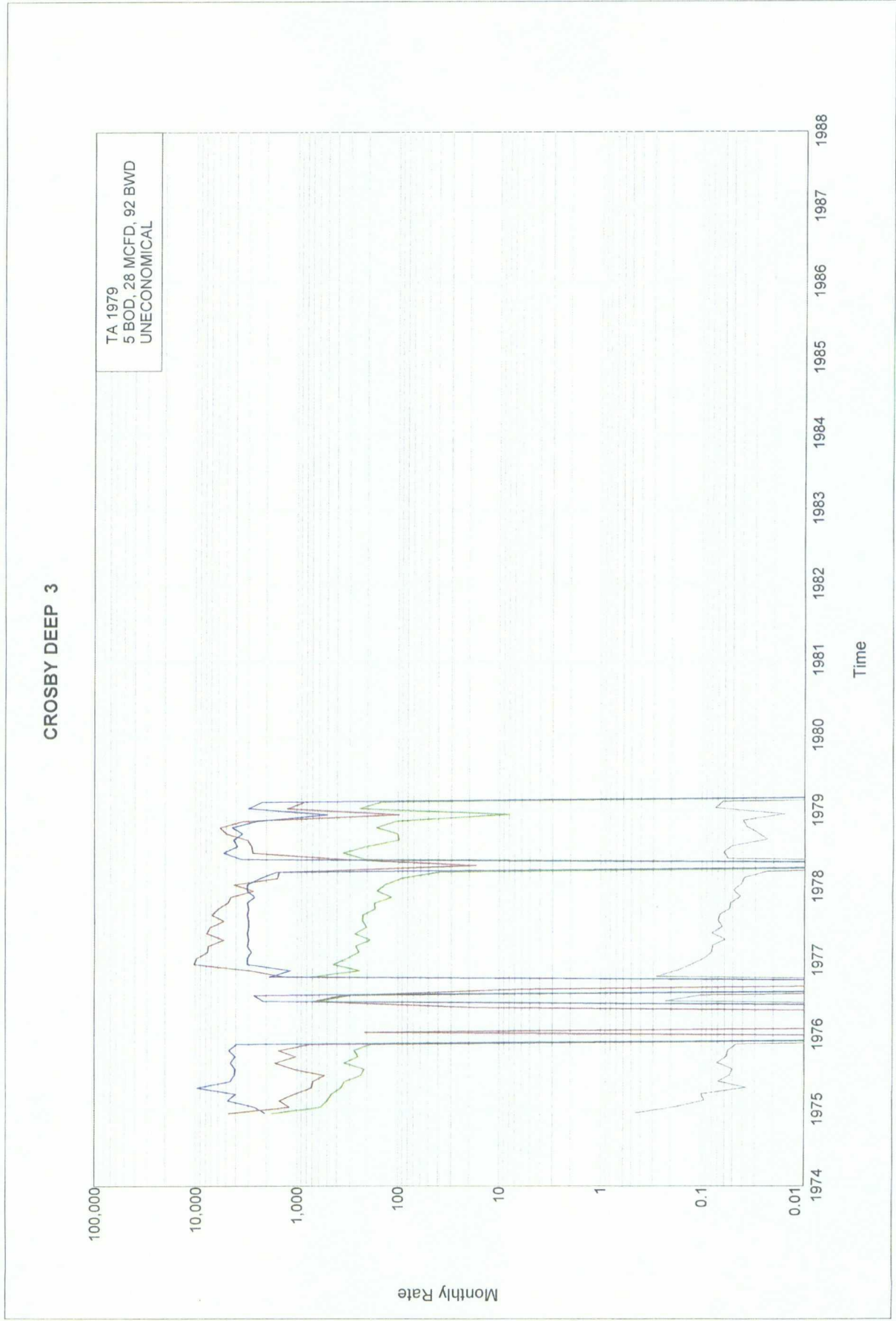
Rate/Time Graph

Lease Name: CROSBY DEEP (3)
County, ST: LEA, NM
Location: S25 E37 33

Project: K:\SYCAMORE 1\DC ENERGY LLC\crosby deep.mdb

Operator: DC ENERGY LLC
Field Name: CROSBY

Date: 5/28/2010
Time: 3:11 PM



Rate/Time Graph

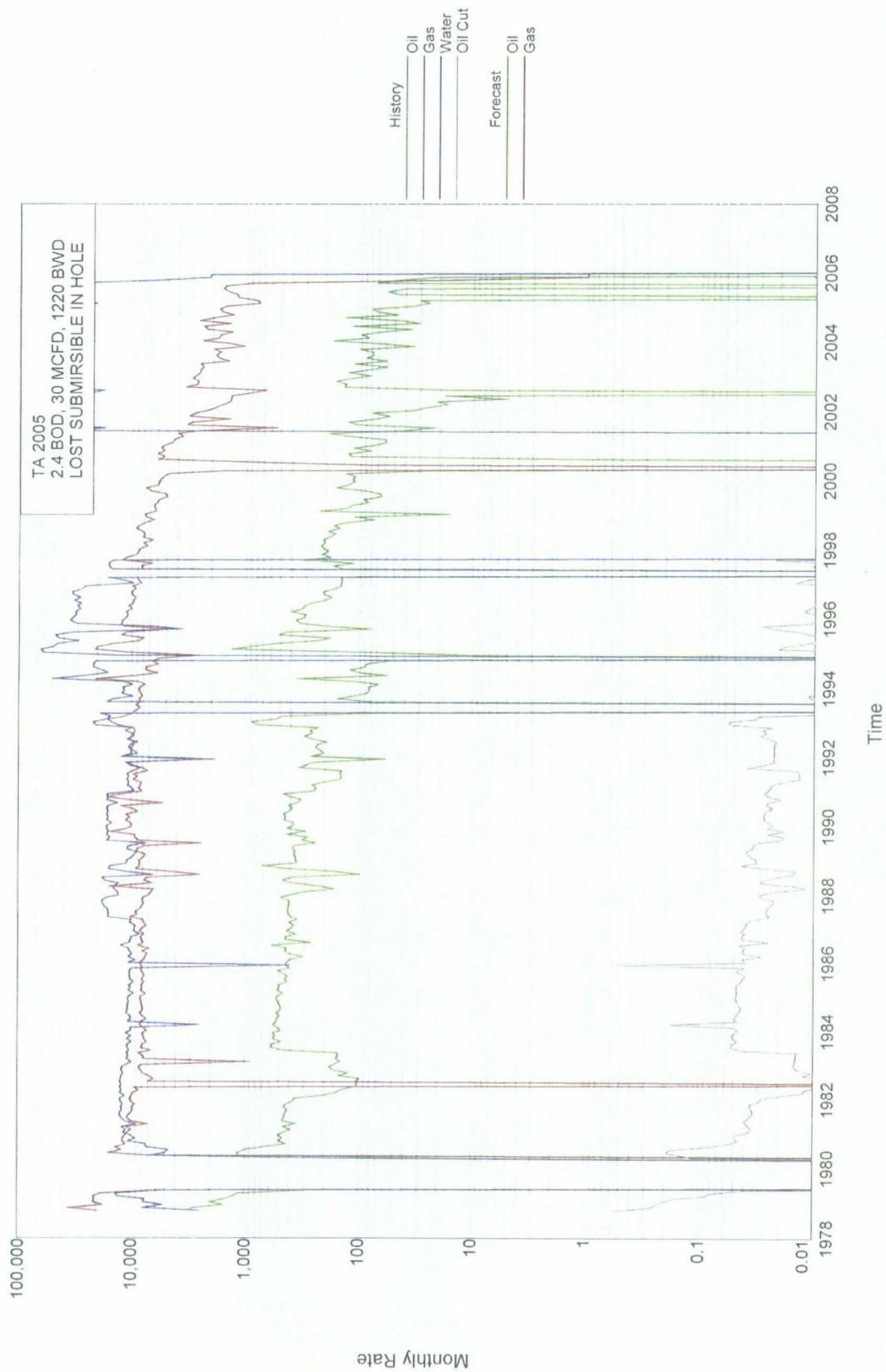
Lease Name: CROSBY DEEP (4)
County, ST: LEA, NM
Location: S25 E37 33

Project: k:\sycamore 1\dc energy llc\crosby deep.mdb

Operator: DC ENERGY LLC
Field Name: CROSBY

Date: 6/1/2010
Time: 9:30 AM

CROSBY DEEP 4



Jones, William V., EMNRD

From: Dan Johnson [danjei08@yahoo.com]
Sent: Wednesday, June 02, 2010 5:35 AM
To: Jones, William V., EMNRD
Subject: Fw: Report DC Energy LLC Crosby Deep #3
Attachments: 20100601105146117.pdf

Good Morning Will, Please attached report from Engineer, Also, We are doing the MIT Test this A.M. Mr. Buddy Hill is going to be there to witness the Test from the Hobbs office. I am giving him the newspaper Ad, the Post Schematic of #3 (as Requested) I am also e-mailing you your copy for the file. Thank you for all your help...

DC Energy LLC
Dan G. Johnson
105 Oscar Lane
Dallas, Georgia 30132
770-757-3715 Cell
877-795-9806 Fax
danjei08@yahoo.com

----- Forwarded Message -----

From: Mike Mabry <mike.mabry@sbcglobal.net>
To: danjei08@yahoo.com
Sent: Tue, June 1, 2010 8:59:04 AM
Subject: Report

Mike S. Mabry PE
918-492-6941
918-671-9067 Cell

Jones, William V., EMNRD

From: Jones, William V., EMNRD
Sent: Friday, August 13, 2010 4:19 PM
To: 'danjei08@yahoo.com'
Cc: Ezeanyim, Richard, EMNRD
Subject: Disposal Application for the Crosby Deep #3

Hello Dan:

I am still missing the actual newspaper notice for the Crosby Deep #3 application.
If you have it, shoot a legible copy to me?

William V Jones, P.E.
Engineering, Oil Conservation Division
1220 South St. Francis Drive, Santa Fe, NM 87505
Tel 505.476.3448 ~ Fax 505.476.3462



Jones, William V., EMNRD

From: Dan Johnson [danjei08@yahoo.com]
Sent: Friday, August 13, 2010 4:39 PM
To: Jones, William V., EMNRD
Subject: Re: Disposal Application for the Crosby Deep #3
Attachments: Adnewspaper#3 and #5.doc

Please see Crosby Deep #3 attached, I sent you the Original ad copy it also advertised #5 which is no longer a possible SWD. I will resend out the AOI information.
Thank you,

DC Energy LLC
Dan G. Johnson
105 Oscar Lane
Dallas, Georgia 30132
770-757-3715 Cell
877-795-9806 Fax
danjei08@yahoo.com

From: "Jones, William V., EMNRD" <William.V.Jones@state.nm.us>
To: danjei08@yahoo.com
Cc: "Ezeanyim, Richard, EMNRD" <richard.ezeanyim@state.nm.us>
Sent: Fri, August 13, 2010 6:18:34 PM
Subject: Disposal Application for the Crosby Deep #3

Hello Dan:
I am still missing the actual newspaper notice for the Crosby Deep #3 application.
If you have it, shoot a legible copy to me?

William V Jones, P.E.
Engineering, Oil Conservation Division
1220 South St. Francis Drive, Santa Fe, NM 87505
Tel 505.476.3448 ~ Fax 505.476.3462



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D C Energy LLC, 105 Oscar Lane, Dallas, Georgia 30132 has filed New Mexico OCD Form C-108 (application for Authority to Inject) with the New Mexico Oil Conservation Division seeking for administrative approval for two salt water disposal wells. One well is known as the Gregory A #5 (API 30-025-1184) located approximately 2 ½ miles south of Jal and East of Highway 18. The legal description of the well location being; the NE ¼ of the SE ¼ of Section 33, Township 25 South Range 37 East (1980 feet from the south line and 660 feet from the East line). The purpose of the deposal wells will be for the injection of produced water from Oil and Gas producing wells in southern Lea County, New Mexico and surrounding area. The other well is know as the Crosby Deep #3 and is in the same section as the Gregory well. The API for the Crosby well is 30-025-11870 and is located approximately 1,000 feet west from the Gregory well. The exact location of the Crosby well is 1980 from the south line and 1980 feet from the East line in that same section described above.

The Gregory disposal well will be injection into the Langlie Mattix Queen formation at 3116 feet to 3128 feet below ground level. The disposal rate will be approximately 1000 barrels of produced water injected per day. The Gregory well will not have pressure on the surface and if pressure is needed, the maximum pressure will be 250 PSI. The Crosby well will be injecting into the Fusselman formation at 8657 feet to 8675 feet. There will be approximately 3500 barrels of produced water injected on an average for the Crosby well. The Crosby well is not on pressure nor will pressure be used to inject water except if needed then pressure will be at 500 psi. There are no fresh water sands with less than 10,000 parts per million chlorides in communication with any of the injection formations.

Anyone having requests for a hearing or objections to the operation of the above mentioned disposal wells, will need to notify the Oil Conservation Division at 1220 South St. Francis Drive, Santa Fe, New Mexico 87505, in writing within 15 days of this publication.

D C Energy LLC may be contacted by calling Dan Johnson at 770-757-3715 or by e-mail danjei08@yahoo.com.

Injection Permit Checklist (03/15/2010)

Case SWD-1233 WFX PMX IPI Permit Date 8/17/10 UIC Qtr 6A5
 # Wells 1 Well Name: Crosby Deep #3
 API Num: (30-) 025-11870 Spud Date: 5/25/08 New/Old: 0 (UIC primacy March 7, 1982)
 Footages 1980 FSL / 1980 FEL Unit J Sec 33 Tsp 25S Rge 37E County La
 Operator: DC Energy LLC Contact Dan Johnson
 OGRID: 2830 RULE 5.9 Compliance (Wells) 1/12 (Finan Assur) OK IS 5.9 OK? OK
 Operator Address: 105 OSCAR Lane, DALLAS, Georgia, 30132
 Current Status: TA SINCE 3/1/79

Planned Work to Well:

Planned Tubing Size/Depth: 2 7/8 @ 8567'

	Sizes Hole.....Pipe	Setting Depths	Cement Sx or Cf	Cement Top and Determination Method
Existing ☒ Surface	16 1/4 13 3/8	495'	500	CRC
Existing ☒ Intermediate	11 7/8 9 5/8	3894'	858	CRC
Existing ☒ Long String	9 7/8 7	8,262'	4007 300	3316 calc. in Queen

DV Tool 4 1/2" (7917-10,102) Liner 4 1/2" (7917-10,102) Open Hole 10,102-14,55' Total Depth 10,155'

Well File Reviewed ✓

Diagrams: Before Conversion ✓ After Conversion ✓ Elongs in Imaging File: ✓

Intervals:	Depths	Formation	Producing (Yes/No)
Above (Name and Top)	8142	Dev.	SPZ
Above (Name and Top)	8222	SL	Fixed.
Injection.....	8657	Fun	Deploated 21L
Interval TOP:	8657	Fun	Deploated 21L
Injection.....	8695	Fun	Deploated 21L
Interval BOTTOM:	8695	Fun	Deploated 21L
Below (Name and Top)	8924	MONTOYA	CIBP
	9641-9720	McKee	CIBP

GENERAL LOCATION

Crosby Wells / Tolosa

PSI Max. WHIP

Open Hole (Y/N)

Deviated Hole 2

Sensitive Areas: Capitan Reef ✓ Cliff House ✓ Salt Depths 1140-2511

.... Potash Area (R-111-P) ✓ Potash Lessee ✓ Noticed? ✓

Fresh Water: Depths: 112-250' Wells South RSR Analysis? yes Affirmative Statement ✓

Disposal Fluid Sources: Yolanda / QN / PNR5/etc Analysis? ✓

Disposal Interval Production Potential/Testing/Analysis Analysis: Deploated Reservoir

Notice: Newspaper (Y/N) ✓ Surface Owner Wills Family Trust Mineral Owner(s) BLM / Fz

RULE 26.7(A) Affected Parties: BCED / Loxap / Cimarron / Enabix / Rotunda / A. B. O. C. D.

Area of Review: Adequate Map (Y/N) ✓ and Well List (Y/N) ✓

Active Wells 2 Num Repairs 0 Producing in Injection Interval in AOR yes

..P&A Wells 34 Num Repairs 0 All Wellbore Diagrams Included? ✓

Questions/Required Work:

Crosby Deep #2 / #4 Filler Funnel
From 24 #1 30-219-11941 TA 57

Request Sent ✓ Reply: ✓

Request Sent ✓ Reply: ✓

Request Sent ✓ Reply: ✓