



ALPHA TWENTY-ONE PRODUCTION COMPANY

Alpha Twenty-One Production Company

10000 N. MEX. 10000 N. MEX.

January 19, 1984

Oil Conservation Division
P.O. Box 2088
Santa Fe, NM 87501

Subject: Application for Salt Water Disposal in the Dollshide Queen

RE: Buckskin Federal No. 2
554' FSL and 1874' FWL,
Section 18, T-24-S, R-38-E,
Lea County, New Mexico

Gentlemen:

Attached you will find a map that identifies all well and leases within two miles of our proposed injection well with a one-half mile radius circle drawn around the proposed site to identify the area of review. Also attached you will find a tabulation of data on all wells of public record within the area of review which penetrate the proposed injection zone along with a schematic illustrating all plugging details for each well.

- (1). We propose to inject an average of 100 bbls of fluid per day with a maximum rate of 200 bbls per day.
- (2). The system will be closed.
- (3). Average injection pressure will be 350 psi and maximum will be 500 psi.

Following are the fluid analysis of the injection fluid and the receiving formation from the Haliburton Services Lab and Petro-lite Corporation, Treat-Lite Division Lab.

	<u>Receiving Formation</u>	<u>Buckskin Fed #1</u>	<u>Buckskin Fed #3</u>	<u>Buckskin Fed #5</u>
HCO ₃	202 ppm	122 ppm	120 ppm	120 ppm
Cl	135,542 ppm	111,100 ppm	113,000 ppm	113,000 ppm
SO ₄	575 ppm	930 ppm	1,450 ppm	1,450 ppm
Ca	14,000 ppm	10,400 ppm	11,600 ppm	11,600 ppm
Mg	8,262 ppm	5,159 ppm	3,060 ppm	1,100 ppm
Iron (FE)	375 ppm	15 ppm	Trace	15 ppm

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The Queen section in this well is comprised mainly of sand and dolomite with some shale and anhydrite. The top of the Queen is at 3640 and the base is at 3950, giving it a thickness of 310'. The only fresh water produced is produced from the alluvial at surface. There are no fresh water wells producing within a one-mile radius of the proposed disposal well, nor have we found any evidence of open faults or any other hydrologic connection between the disposal zone and any underground source of drinking water. Logs have already been filed with the division.

Following is a list of required attachments for this application. If you desire anything further, please contact the undersigned.

- (1). Form 9-331
- (2). Form C-108
- (3). Injection Data Sheet
- (4). Proof of Publication, Hobbs Daily News Sun
- (5). Proof of Notice, Surface Owner

Sincerely,



Steven J. McCormick,
Technical Advisor

SJM/tic
Enclosures

cc: Via Certified Mail:
Mr. Clyde Cooper, Surface Owner
P.O. Box 72
Jal, NM 88252

Offset Operators:

Getty Oil Company
Two Midland National Center
Midland, TX 79701

Gulf Oil Exploration and Production Co.
P.O. Box 670
Hobbs, NM 88240

Texaco, Inc
Box 3109, 7th Floor Midland Savings
Midland, TX 79701

United States Department of the Interior
Minerals Management Services
P.O. Drawer 1857
Roswell, NM 88201
ATTN: Armando A. Lopez

Alpha Twenty-One Production Company
2100 First National Bank Building
Midland, TX 79701

Conoco, Inc.
Box 1059, Gibraltar Savings Assoc.
Midland, TX 79702

Arco Oil and Gas Company
Box 1610, Atlantic Richfield Bldg.
Midland, TX 79702

PLG Oil Company
P.O. Box 2267
Midland, TX 79702

Oil Conservation Division
P.O. Box 1980
Hobbs, NM 88240

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APPLICATION FOR AUTHORIZATION TO INJECT

- I. Purpose: ☐ Secondary Recovery ☐ Pressure Maintenance ☒ Disposal ☐ Storage
Application qualifies for administrative approval? ☐ yes ☐ no
- II. Operator: Alpha Twenty-One Production Company
Address: 2100 First National Bank Building, Midland, TX 79701
Contact party: Steve McCormick Phone: 505-395-3056
- III. Well data: Complete the data required on the reverse side of this form for each well proposed for injection. Additional sheets may be attached if necessary.
- IV. Is this an expansion of an existing project? ☐ yes ☒ no
If yes, give the Division order number authorizing the project _____.
- V. Attach a map that identifies all wells and leases within two miles of any proposed injection well with a one-half mile radius circle drawn around each proposed injection well. This circle identifies the well's area of review.
- VI. Attach a tabulation of data on all wells on public record within the area of review which penetrate the proposed injection zone. Such data shall include a description of each well's type, construction, date drilled, location, depth, record of completion, and a schematic of any plugged well illustrating all plugging detail.
- VII. Attach data on the proposed operation, including:
1. Proposed average and maximum daily rate and volume of fluids to be injected;
 2. Whether the system is open or closed;
 3. Proposed average and maximum injection pressure;
 4. Sources and an appropriate analysis of injection fluid and compatibility with the receiving formation if other than reinjected produced water; and
 5. If injection is for disposal purposes into a zone not productive of oil or gas at or within one mile of the proposed well, attach a chemical analysis of the disposal zone formation water (may be measured or inferred from existing literature, studies, nearby wells, etc.).
- VIII. Attach appropriate geological data on the injection zone including appropriate lithologic detail, geological name, thickness, and depth. Give the geologic name, and depth to bottom of all underground sources of drinking water (aquifers containing waters with total dissolved solids concentrations of 10,000 mg/l or less) overlying the proposed injection zone as well as any such source known to be immediately underlying the injection interval.
- IX. Describe the proposed stimulation program, if any.
- X. Attach appropriate logging and test data on the well. (If well logs have been filed with the Division they need not be resubmitted.)
- XI. Attach a chemical analysis of fresh water from two or more fresh water wells (if available and producing) within one mile of any injection or disposal well showing location of wells and dates samples were taken.
- XII. Applicants for disposal wells must make an affirmative statement that they have examined available geologic and engineering data and find no evidence of open faults or any other hydrologic connection between the disposal zone and any underground source of drinking water.
- XIII. Applicants must complete the "Proof of Notice" section on the reverse side of this form.
- XIV. Certification

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

Name: Steven J. McCormick Title: Technical Advisor

Signature: *Steven J. McCormick* Date: 1-19-84

- * If the information required under Sections VI, VIII, X, and XI above has been previously submitted, it need not be duplicated and resubmitted. Please show the date and circumstance of the earlier submittal.

III. WELL DATA

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

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

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

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

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

IV. PROOF OF NOTICE

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

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

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

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

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

JAN 26 1984
O.C.D.
HOBBS OFFICE

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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 Form 9-331-C for such proposals.)

1. oil ☒ well gas ☐ well other ☐

2. NAME OF OPERATOR

Alpha Twenty-One Production Company

3. ADDRESS OF OPERATOR

P.O. Box 1206, Jal, NM 88252

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See page 17 below.)

AT SURFACE: 554' FSL & 1874' FWL, Sec 18,

AT TOP PROD. INTERVAL: T-24-S, R-38-E

AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO: SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF ☐

FRACTURE TREAT ☐

SHOOT OR ACIDIZE ☐

REPAIR WELL ☐

PULL OR ALTER CASING ☐

MULTIPLE COMPLETE ☐

CHANGE ZONES ☐

ABANDON* ☐

(other) Convert to Salt Water Disposal

5. LEASE

30-040658

6. IF INDIAN ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Buckskin Federal

9. WELL NO.

10. FIELD OR WILDCAT NAME

Hollarhide - Queen

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

Sec. 18, T-24-S, R-38-E

12. COUNTY OR PARISH 13. STATE

Lea New Mexico

14. API NO.

15. ELEVATIONS (SHOW IF, KDB, AND WD) 317' GL

(NOTE: Report results of multiple completion or plug change on Form 9-331-C)

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. Rig up on well.
2. Pull rods and downhole pump
3. Run in hole with RTTS and Set at 3697' ±
4. Run injection test with 50 bbls 2% KOL water
5. Pull tubing and RTTS
6. Run in hole with 2-3/8" plastic coated tubing and a Baker AD-1 type packer and set packer at 3650' ±
7. Load annulus with fresh water and one gallon per 1000 of inhibitor
8. Dispose of salt water through perforations.

Subsurface Safety Valve: Manu. and Type

Set at

Fr

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

SIGNED

Steven J. McCormick

TITLE

Tech. Advisor

DATE

1-19-84

(This space for Federal or State official use)

APPROVED BY

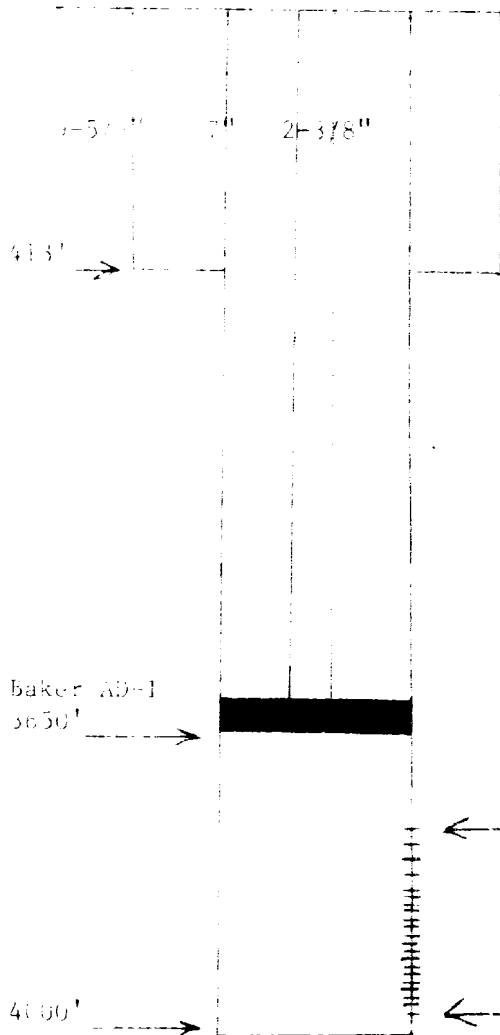
TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY

Alpha Twenty-One Production Company		Buc-Skin Federal		
OPERATOR		LEASE		
2	154' FSL & 1874' FWL	18	24S	38E
WELL NO.	FOOTAGE LOCATION	SECTION	TOWNSHIP	RANGE

Schematic



Tubular Data

Surface Casing

Size 9-5/8 " Cemented with 250 sx.100 Surface feet determined by circulatedHole size 12-1/4"

Intermediate Casing

Size 7 " Cemented with 1200 sx.100 Surface feet determined by circulatedHole size 8-3/4"

Long string

Size 7 " Cemented with 1200 sx.100 Surface feet determined by circulatedHole size 8-3/4"Total depth 4000'

Injection interval

3761 feet to 3896 feet
(perforated or open-hole, indicate which)Tubing size 2-3/8" lined with plastic set in a
(material)Baker AD-1 packer at 3650 feet
(brand and model)

(or describe any other casing-tubing seal).

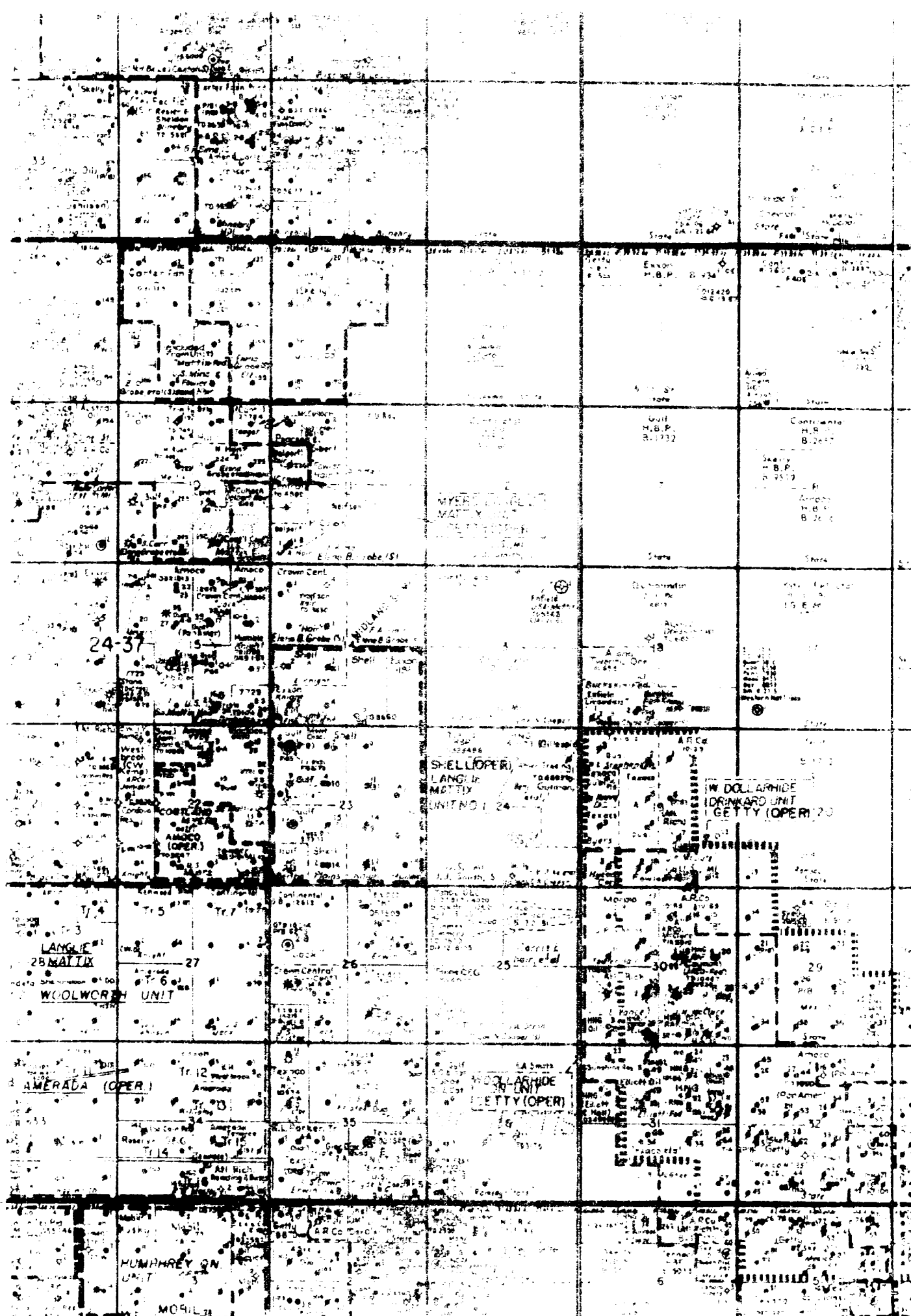
Other Data

1. Name of the injection formation Queen2. Name of Field or Pool (if applicable) Dallardside Queen3. Is this a new well drilled for injection? ☐ Yes ☒ NoIf no, for what purpose was the well originally drilled? oil well4. Has the well ever been perforated in any other intervals? List all such perforated intervals and give logging detail (blocks of cement or bridge plug(s) used) no5. Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area. No overlying oil or gas zones. The nearest underlying zone is the Tubbs at 4260' (2384' away).

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LOSERS OFFICE



ALPHA TWENTY-ONE PRODUCTION COMPANY

"DOESKIN FEDERAL #1"

2310' FNL, 2310' FNL,
Sec. 18, T-24-S, R-38-E,
Elevation: 3189' GL

Casing: 8-5/8", 1267'; cemented w/675 sx

Date Drilled: 8-9-81
TD: 6852'

Plugged and Abandoned: 1st plug: 6679' - 6829'
2nd plug: 5327' - 5477'
3rd plug: 3623' - 3723'
4th plug: 2595' - 2695'
5th plug: 1240' - 1340'
6th plug: @ surface; 15 sx

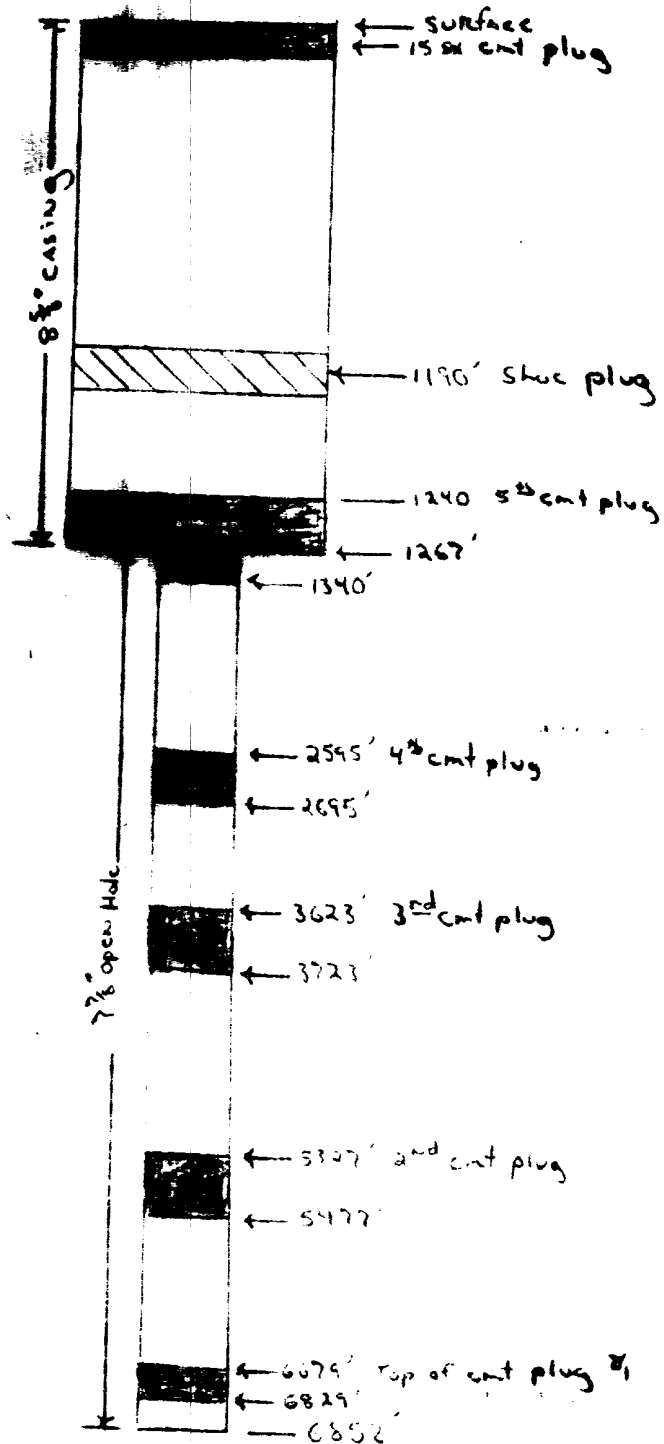
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Twenty-One Prod. Co.

Doeskin #1



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HOLLAND

ALPHA TWENTY-ONE PRODUCTION COMPANY

"BUCKSKIN FEDERAL #1"

660' PBL & 1980' FWL,
Sec. 10 T-34-S, R-38-E,
Elevation: 3174.5

Casing: 8 5/8", 1292'; 700 sx circulated
3-1/2", 6825'; 1175 sx circulated

Date Drilled: 10-3-80
TD: 6825'

Completion: Perforations: 6666 - 6726 (26 perfs.), acidized w/
300 gals 15% NCA, acidized w/6,000 gals
15% NE

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ALPHA TWENTY-ONE PRODUCTION COMPANY

"Buckskin Federal No. 3"

1650' FSL & 1980' FWL,
Sec. 18, T-24-S, R-38-E,
Lea County, New Mexico
Elevation: 3194

TD: 6800'

PBTD: 5318'

Casing: 8-5/8" at 1243' with 650 sx, circulated
5-1/2" at 6800' with 2040 sx, circulated

Completion:

- (1) Perf 6710-40 and acidize with 3100 gals 15% HCL
- (2) Perf 6460-6238 and acidize with 750 gals 15% HCL
- (3) Perf 5724-5896 and acidize with 5000 gals MOD 207
- (4) Perf 5412-5444 and acidize with 3000 gals 15% HCL
- (5) Perf 5053-5239 and acidize with 3000 gals 15% HCL

Bridge Plugs: 6620', 6200', 5690', 5318'

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ALPHA TWENTY-ONE PRODUCTION COMPANY

"Buckskin Federal No. 5"

990' FWL & 330' FSL,
Sec 18, T-24-S, R-38-E,
Lea County, New Mexico

TD: 7025'

PBTD: 6974'

Perfs at 6675-6916 (33 perfs)

Completion: Acidized with 3000 gals FE acid

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ALPHA TWENTY-ONE PRODUCTION COMPANY

"BUCKSKIN FEDERAL #6"

2310' PHL & 330' FSL,
Sec., 18, T-24-S, R-38-E,
Elevation: 3180' GL

Casing: 8-5/8", 1263.27'; 700 sx
5-1/2", 6811.49'; 2410 sx

Date Drilled: 7-2-82
TD: 6810'

Completion: Perforations: 6716 - 25 (6 perms) acidize w/1500 gals
NEFE 15%.

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HOBBS CH. 4

HUMBLE OIL AND REFINING COMPANY

"FEDERAL KNOX #1"

660' FNL & 1980' FEL,
Sec. 18, T-24-S, R-38-E,
Elevation: 3174' GL

Casing: 11-3/4", 42# @ 282.30'; cemented w/250sx
8-5/8", 32# @ 3298.20'; cemented w/2300 sx
5-1/2", 14#, 15.5#, & 17# @ 6808.2'; cemented w/600 sx

Date Drilled: 8-13-57
TD: 6820'

Completion:

Perforations @ 6775' and 6769' w/6 holes each; acidized
w/1000 gals acid, squeezed perfs and set packer @ 6735'.

Perforations @ 5800' w/2 bullet holes; cemented w/
450 sx, top of cement @ 3210'.

Perforations @ 5376' - 90' w/4 bullets per foot,
acidized w/500 gals 15% HCL, squeezed w/175 sx cement.

Perforations @ 5443' - 77' w/4 shots per foot, acidized
w/500 gals 15% HCL, squeezed w/95 sx cement.

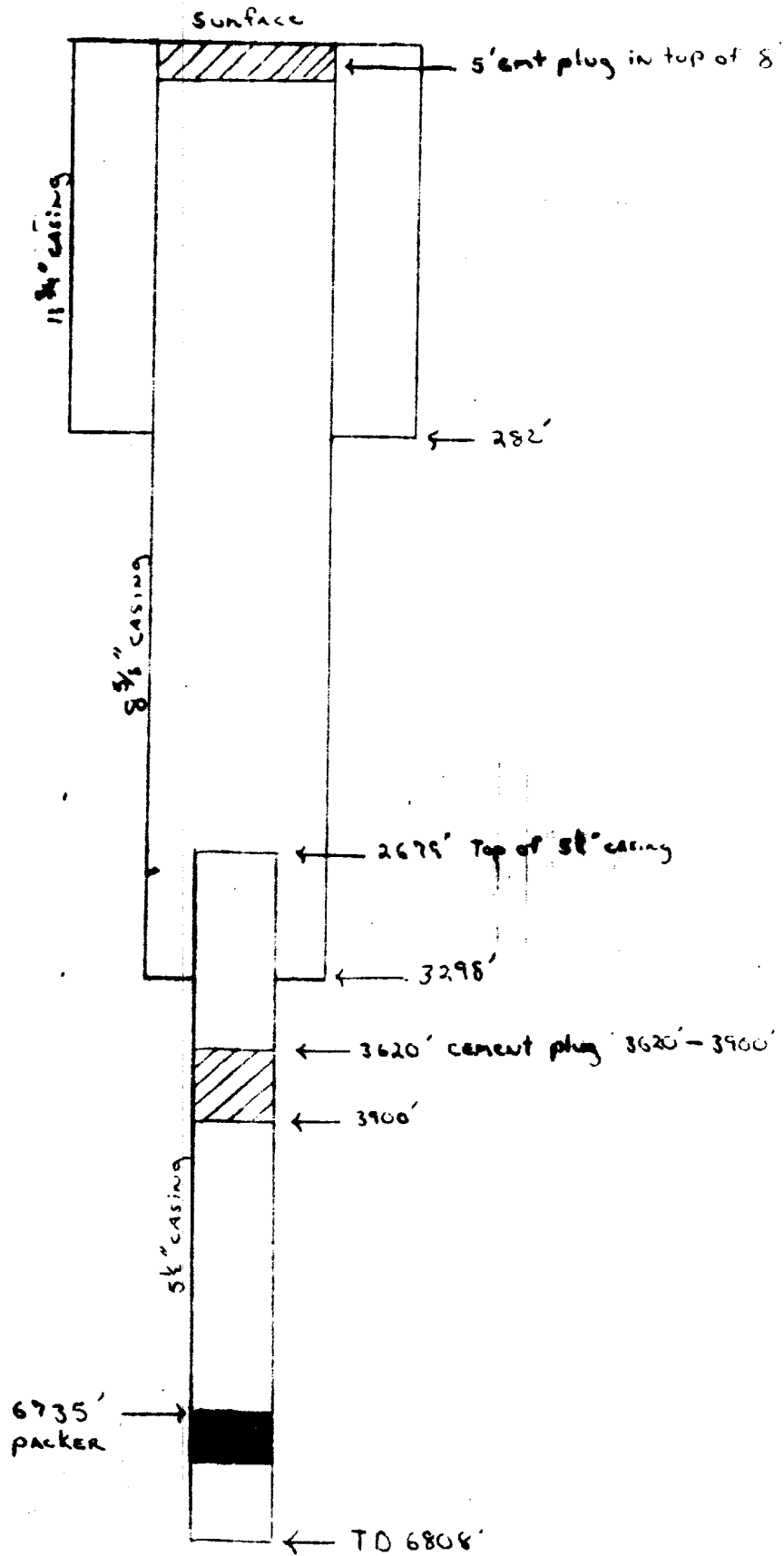
Perforations @ 3805' - 21', 3830' - 70' w/4 shots per
foot, acidized w/1000 gals mud acid, frac w/20,000 gals
refined oil and 30,000 lbs sand; placed cement plug
from 3900' - 3620' w/35 sx; shut off 5-1/2" casing
@ 3175'; casing parted @ casing bowl; recovered 66 jts.,
2630'.

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**O.C.A.
HOBBS OFFICE**

Humble Oil & Refining Co. "Federal Knox #1"



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HUMBLE OIL AND REFINING COMPANY

"FEDERAL KNOX #2"

330' FSL & 660' FWL Sec 18, T24-S, R38-E

Elevation: 38185' DF

Casing: 8-5/8" 24# @ 1266' Cemented w/900 sxs
5-1/2" @ 6800' Cemented w/495 sxs

Date Drilled: May 11, 1958

TD: 6800'

Completion: Perforation - 6749-62 w/2 shots per foot, acidize w/500 gal.,
acidize w/3,000 gal., squeezed w/75 sxs

Perforation - 6711-19 w/2 shots per foot, acidize w/500 gal.,
acidize w/3,000 gal.

Perforation - 6723-27 w/4 jet shots per foot, acidize w/5,000 gal.
frac w/10,000 gals refined oil and 10,000 # sand.

Plug & Abandon: Spotted cost, plug area perforation in 5-1/2" casing from
6711 - 6727' with 25 sxs neat cement. Cut off 5-1/2" csg.
@ 3533' and pulled from this depth. Removed wellhead,
spotted cement plug from 1325' to 1175' w/40 sxs regular
cement. Set cement plug from 25' to surface.

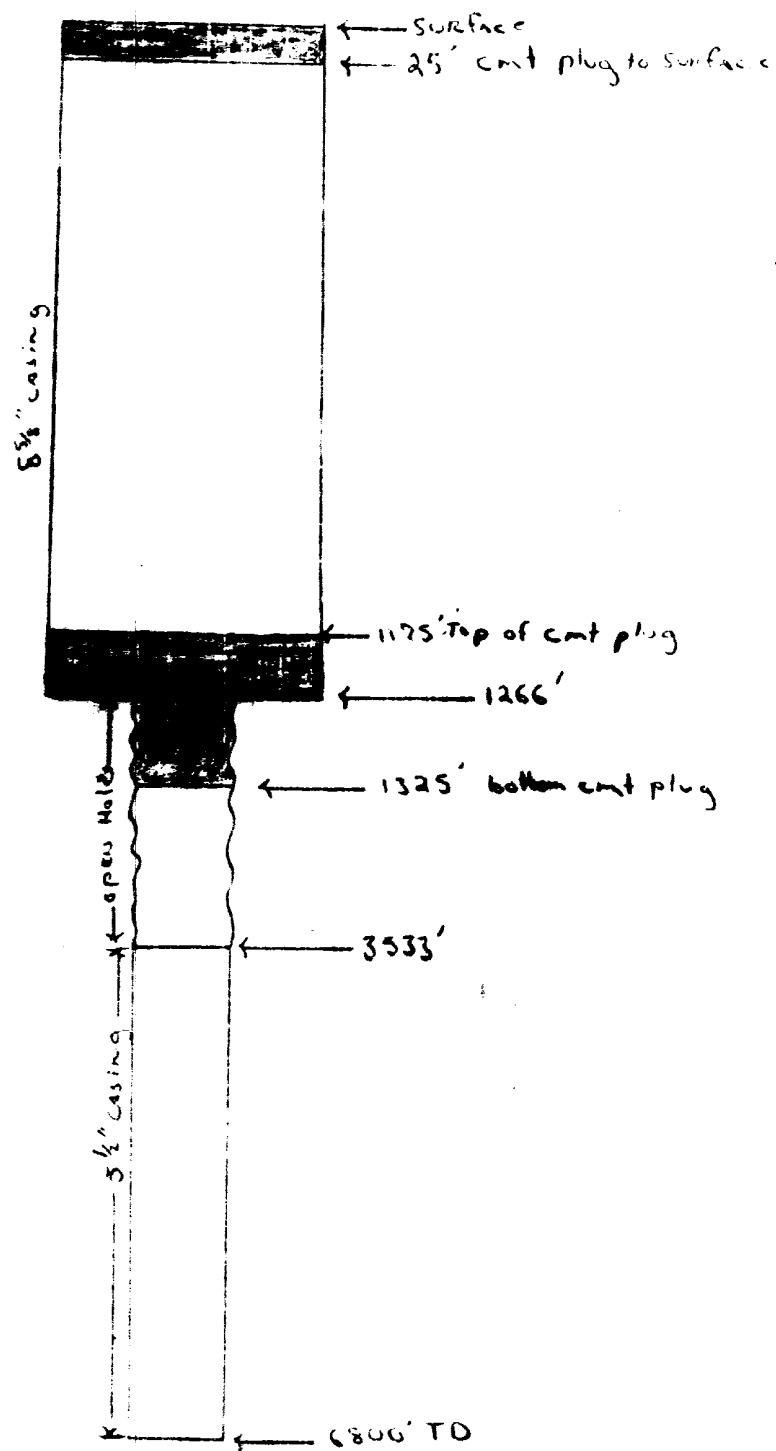
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HOLLY ST. 12

Humble Oil & Refining Co.

"Federal Knob #2"



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ROBERT ENFIELD

"Livaudais Federal No. 1"

330 FSL & 330 FWL,
Sec. 18, T-24-S, R-38-E
Lea County, New Mexico
Elevation: 3183' GL

TD: 3800'

P & A

Casing: 8-5/8" at 325 with 250 sx, circulated

Plugging Procedure:

- (1) A 25 sx plug was spotted to cover all perfs
- (2) Hole was loaded with mud
- (3) A 25 sx plug was spotted at stub of 2-7/8" (2700')
- (4) A 25 sx plug was spotted at 1200', top of salt
- (5) A 25 sx plug was spotted at 325, base of surface
- (6) A 10 sx plug was spotted in the top with regulation marker

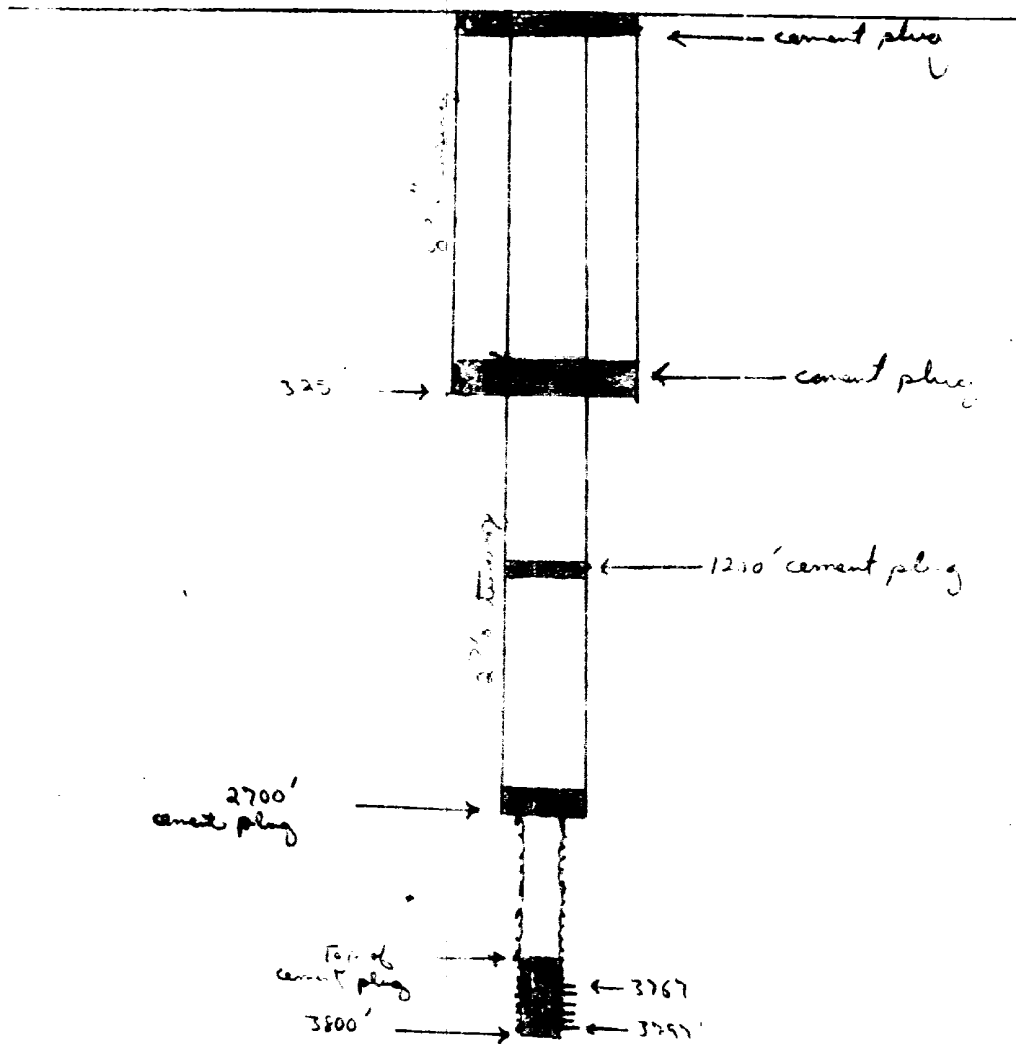
Perfs: 3767-71, 3778-84, 3788-97 with 25 perfs, treated with 750 gals
15% acid and 18000 gals oil plus 22500 lbs frac sand

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Plot of Enfield, Louisiana Feb 41



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**O.C.D.
HOBBS OFFICE**

GETTY OIL COMPANY

"West Dollarhide Drinkard Unit No. 1"

990 FNL & 2310 FEL,
Sec. 19, T-24-S, R-38-E
Lea County, New Mexico
Elevation: 3181 GL

Spud: 2-17-57 TD: 3-31-57

Formerly Sinclair Oil and Gas Company #2 McClure

TD: 6900' PBD: 6758

Casing: 8-5/8" at 3234 with 1000 sx
 5-1/2" at 6900' with 550 sx
 4" liner 5588-6812 with 150 sx
 2-3/8" at 6495

Perfs: 6754,48,36,28,20,17,12,08,6696,85,78,75,68,65,48,36,
 6607 (17 holes) Acidized with 3500 gals

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**O.C.D.
HOLLS ON. 15**

GETTY OIL COMPANY

"West Dollarhide Unit No. 2"

990' FNL & 2305' FWL
Sec. 19, T-24-S, R-38-E,
Lea County, New Mexico
Elevation: 3174 GL

Casing: 13-3/8" at 376'; 400 sx circulated
5-1/2" at 6815'; 400 sx

Perfs: 6616-28, 6632-37, 6660-6710, 6734-44, with four jets one foot
and 6556-58, 6583-85, 6596-6605, 6608-10, 6644-47, 6708-12,
6777-80 (50 shots over a 224' interval)

Completion:

- (1) Acidize 6734-44 with 3000 gals MA and 6660-6710 with 6000 gals MA
- (2) Perf 6616-28 and 6632-37, acidize with 5000 gals
- (3) Perf 3900-3901 and squeeze with 198 sx cement
- (4) Perf Queen with 2 jet shots per foot 3719-25, 30-52, 70-90, acidize with 500 gals LST followed with 15,000 gals refined oil and 22,500 lbs sand
- (5) Squeezed off the Queen with 300 sx of expanding cement and another 250 sx cement, tested to 1000 psi
- (6) Perforated 6556-6780 (50 perfs) and acidized with 3000 gals 15% NE acid

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COO
RECORDS OFFICE

GETTY OIL COMPANY

"West Dollarhide Drinkard Unit No. 3"

660' FNL & 660' FWL
Sec. 19, T-24-S, R-38-E
Lea County, New Mexico

Casing: 13-3/8" at 356'; 400 sx
8-5/8" at 3249'; 2000 sx
5-1/2" at 6820'; 400 sx

Perfs: 6660-6714

Completion:

- (1) Perforated 6660-6714, 6740-52, acidize with 500 gals Mud acid and then acidize with 10,000 gals 20%
- (2) Perforated with 2 jet shots per foot 6619-29, 6634-39, acidize with 5000 gals 15%
- (3) Perforated 3985-86, squeeze with 200 sx, perforate 3770-71, squeeze with 150 sx, perforate 3620-21 and squeeze with 150 sx, perforate with 2 jets per foot at 3701-08, 3716-31, 3734-54, acidize with 500 gals 15% and frac with 15,000 gals oil and 22,500 lbs sand.
- (4) Squeezed bad casing (4535-4900) with 300 sx Class C to 3796, tested to 1000 psi
- (5) Squeezed Queen perfs at 3701-54 with 200 sx and tested to 2000 psi
- (6) Squeezed Abo perfs 6740-52 with 35 sx
- (7) Set AD packer at 6511 and Baker C-1 tension packer at 6294

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U.S. DEPT. OF JUSTICE
FEDERAL BUREAU OF INVESTIGATION

GETTY OIL COMPANY

"West Dollarhide Unit No. 4"

1700' FNL & 984' FWL
Sec. 19, T-24-S, R-38-E,
Lea County, New Mexico

Casing: 13-3/8" at 385' with 400 sx
8-5/8" at 3235' with 2000 sx
5-1/2" at 6830' with 550 sx

Completion:

- (1) Perf 6672-88, 6590-6640; acidize with 10000 gals acid
- (2) Acidize with 1000 gals 15% NE and frac with 20000 gals oil and 20000 lbs sand.
- (3) Perf with 2 jets per foot at 6554-60, 6570-76; acidize with 4000 gals
- (4) Perf 3875-76 and squeeze with 250 sx, perf 3749 and squeeze with 150 sx, perf 3645 and squeeze with 250 sx, perf with 2 jets per foot at 3676-81, 3698-3707, 3710-3716, 3720-3736 and acidize with 500 gals 15% and frac with 15000 gals and 22,500 lbs. sand
- (5) Squeeze off Queen with 200 sx Halliburton Special
- (6) Perf 6536-38, 6545-47, 6580-85, 6646-51, 6657-61, 6713-17, 6718-26, 6735-37, 6769-72, 6785-89, 6791-93, 6800-02, 6805-07, (90 perfs over a 271' acidize with 3000 gals
- (7) Set a cast iron BP at 6674
- (8) Acidize 6576-6661 with 9000 gals 20% Retardall

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CCP
HOUSE OF REPRESENTATIVES

AFFIDAVIT OF PUBLICATION

State of New Mexico,

County of Lea.

I, _____

Robert L. Summers

of the Hobbs Daily News-Sun, a daily newspaper published at Hobbs, New Mexico, do solemnly swear that the clipping attached hereto was published once a week in the regular and entire issue of said paper, and not in a supplement thereof for a period

of _____

One day
_____ weeks/

Beginning with the issue dated

January 23, 19 84

and ending with the issue dated

January 23, 19 84

Robert L. Summers
Publisher.

Sworn and subscribed to before

me this 24 day of

January, 19 84
Jane Paulowsky
Notary Public.

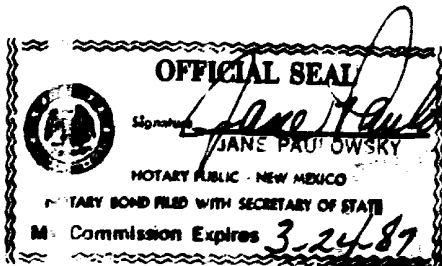
My Commission expires _____

3-24, 19 87

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This newspaper is duly qualified to publish legal notices or advertisements within the meaning of Section 3, Chapter 167, Laws of 1937, and payment of fees for said publication has been made.

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P.O., State and ZIP Code Jal., NM 88252	
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Special Delivery Fee	
Registered Delivery Fee	
Return Receipt Showing to whom and Date Delivered	60
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TOTAL Postage and Fees	\$ 223
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2. Form 3811, July 1982

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