SWD - 12-29-93

CHECKLIST for ADMINISTRATIVE INJECTION APPLICATIONS

Operator: BARBARA FASKEN Well: WINKLER No. 13

Contact: CARL BROWN Title: PET E Phone: 915 687 1777

DATE IN 12-10-93 RELEASE DATE 12-~~30~~-93 (24) DATE OUT _____

Proposed Injection Application is for: ___ WATERFLOOD ___ Expansion ___ Initial

Original Order: R- _____ (X) Secondary Recovery ___ Pressure Maintenance

SENSITIVE AREAS (X) SALT WATER DISPOSAL

___WIPP ___ Capitan Reef ___ Commercial Operation

Data is complete for proposed well(s)? YES Additional Data _____

AREA of REVIEW WELLS

9 ~~20~~ Total # of AOR 6 ~~15~~ # of Plugged Wells ONLY THESE PENETRATE PROPOSED ZONE

YES Tabulation Complete YES Schematics of P & A's

YES Cement Tops Adequate ___ AOR Repair Required

INJECTION INFORMATION

Injection Formation(s) DEVONIAN

Source of Water GLORIETA / DEVONIAN Compatible YES

PROOF OF NOTICE

YES Copy of Legal Notice YES Information Printed Correctly

YES Correct Operators YES Copies of Certified Mail Receipts

___ Objection Received ___ Set to Hearing _____ Date

NOTES: _____

APPLICATION QUALIFIES FOR ADMINISTRATIVE APPROVAL YES

COMMUNICATION WITH CONTACT PERSON:

1st Contact: ___ Telephoned ___ Letter _____ Date Nature of Discussion _____

2nd Contact: ___ Telephoned ___ Letter _____ Date Nature of Discussion _____

3rd Contact: ___ Telephoned ___ Letter _____ Date Nature of Discussion _____

BARBARA FASKEN
FASKEN OIL AND RANCH INTERESTS
303 WEST WALL AVENUE, SUITE 1900
MIDLAND, TEXAS 79701-5116
(915) 687-1777

December 6, 1993

Oil Conservation Division
Mr. Ben Stone
P.O. Box 2088
Santa Fe, New Mexico 87501

Re: Application for
Authorization to Inject
Barbara Fasken-Operator
Wingerd #13
Sec 24, T-12S, R-37E
Gladiola Field
Lea County, New Mexico

Dear Mr. Stone:

All supporting data for the above noted application are attached. The proposed injection interval is 11,862'-11,898'. The well will be equipped with 3-1/2" tubing in 5-1/2" casing. Fasken requests permission to set the injection packer at +/- 11,000' for the following reasons:

1. To avoid setting in 6 degree deviation at +/-11,775'.
2. To allow more clearance between the 3-1/2" collars and the 5-1/2" casing. The 5-1/2" 17#/ft casing is set surface-11,100'; 20#/ft below 11,100'.
3. The squeezed Mississippian perfs 11,192-232' will be below the packer thereby ensuring a positive tubing/casing annulus integrity test.

The only well within the area of review with Mississippian perforations is the Fasken Wingerd #2. The Wingerd #2 was authorized for disposal into the Devonian and Mississippian zones by Administrative Order SWD-533 dated 9-20-93. During the well #2 workover the Devonian zone was found to be capable of flowing oil at commercial quantities. The well is currently flowing from the Devonian with Mississippian perfs open under the packer. A downhole commingling request has been made assigning 0% of the production to the Mississippian.

Sincerely,

Carl Brown

Carl Brown
Petroleum Engineer

CWB/cb
cc: File

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION
POST OFFICE BOX 2088
STATE LAND OFFICE BUILDING
SANTA FE, NEW MEXICO 87501

FORM C-108
Revised 7-1-81

APPLICATION FOR AUTHORIZATION TO INJECT

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

II. Operator: Barbara Fasken

Address: 303 W. Wall, Suite 1900, Midland, TX 79701

Contact party: Carl W. Brown Phone: (915) 687-1777

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

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

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

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

VII. Attach data on the proposed operation, including:

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

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

IX. Describe the proposed stimulation program, if any.

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

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

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

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

XIV. Certification

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

Name: Carl W. Brown Title Petroleum Engineer

Signature: Carl W. Brown Date: 12-6-93

* 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. _____

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

III. WELL DATA

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

(1) Lease name; Well No.; location by Section, Township, and Range; and footage location within the section.

(2) Each casing string used with its size, setting depth, sacks of cement used, hole size, top of cement, and how such top was determined.

(3) A description of the tubing to be used including its size, lining material, and setting depth.

(4) The name, model, and setting depth of the packer used or a description of any other seal system or assembly used.

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

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

(1) The name of the injection formation and, if applicable, the field or pool name.

(2) The injection interval and whether it is perforated or open-hole.

(3) State if the well was drilled for injection or, if not, the original purpose of the well.

(4) Give the depths of any other perforated intervals and detail on the sacks of cement or bridge plugs used to seal off such perforations.

(5) Give the depth to and name of the next higher and next lower oil or gas zone in the area of the well, if any.

XIV. PROOF OF NOTICE

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

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

(1) The name, address, phone number, and contact party for the applicant;

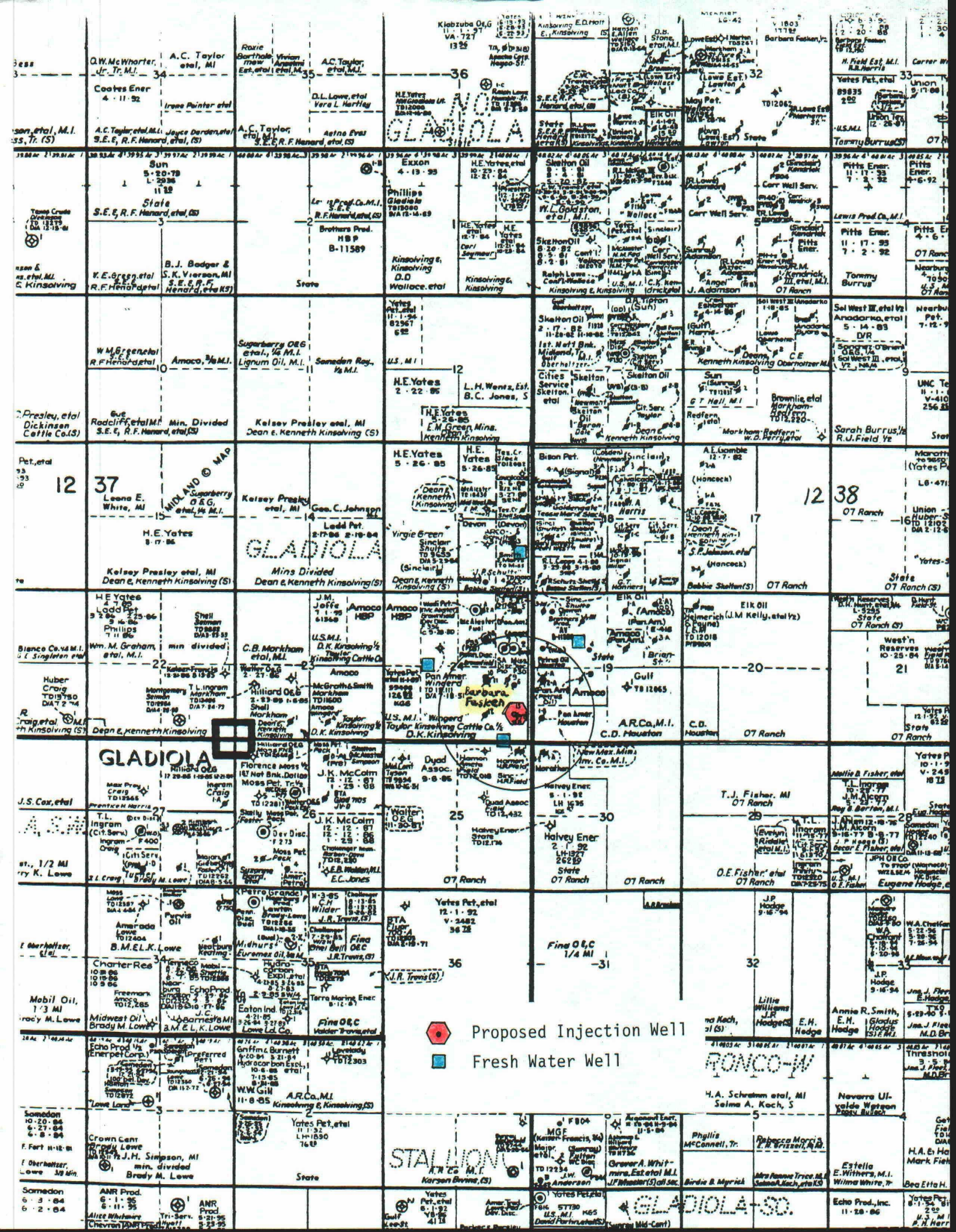
(2) the intended purpose of the injection well; with the exact location of single wells or the section, township, and range location of multiple wells;

(3) the formation name and depth with expected maximum injection rates and pressures; and

(4) a notation that interested parties must file objections or requests for hearing with the Oil Conservation Division, P. O. Box 2088, Santa Fe, New Mexico 87501 within 15 days.

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

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


GLADIOLA
RONCO-W
STALLION
GLADIOLA-SO.
Proposed Injection Well
Fresh Water Well

VI. Table of wells within area of review and schematics of P&A wells is attached.

VII. 1. Average Daily Rate: 2500 BWPD
Maximum Daily Rate: 5000 BWPD

2. Closed System

Average Pressure: Vacuum initially

3. Maximum Pressure: 500 PSI

4. Water Sources: Gladiola-Devonian produced water.

VIII. The proposed injection zone is the Devonian age dolomite at a depth of approximately 11,860' with a gross thickness of +/- 250'.

Fresh water aquifer at this site is the Ogalalla found from near surface to a depth of 300'.

IX. Propose to stimulate the existing perforations 11862-11898 with 6,000 gallons 15% HCL acid.

X. Logs have been filed with OCD.

XI. Chemical analysis of fresh water wells is attached.

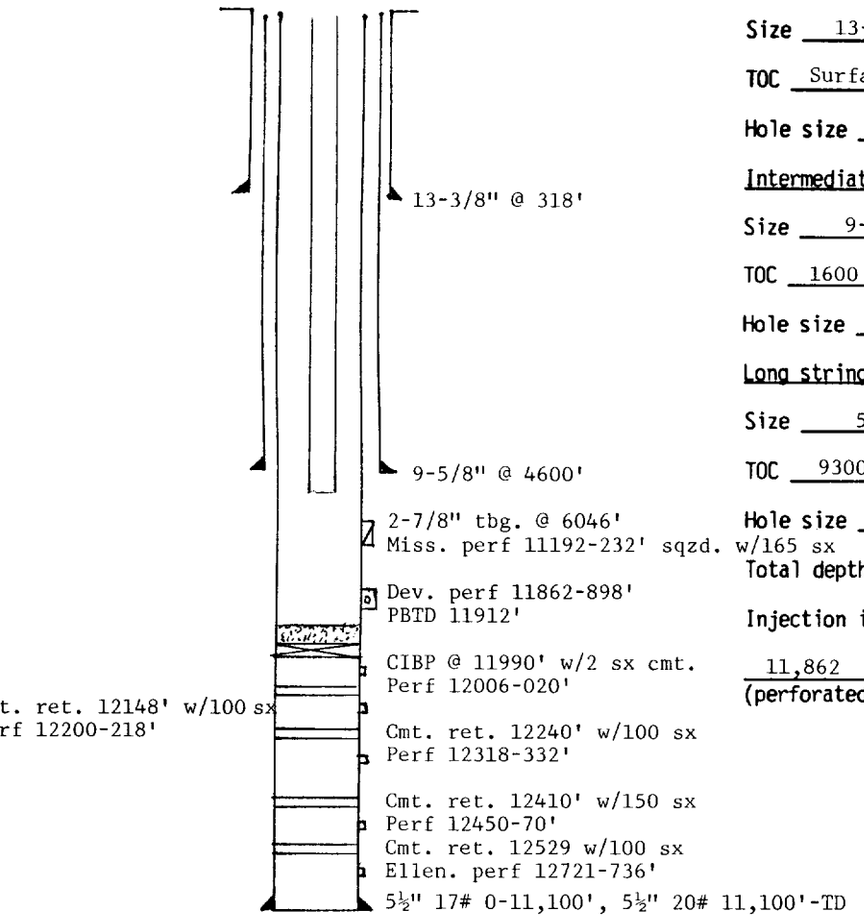
XII. Applicant attests that a thorough examination has been made of all available geologic, engineering, and well data and that no hydorlogic connection exists between the proposed injection interval and the overlying fresh water aquifer.

XIII. Proof of Notice in area newspaper will be forwarded under separate cover.

INJECTION WELL DATA SHEET

Barbara Fasken	Wingerd			
OPERATOR	LEASE			
13	990' FSL, 660' FEL	24	T12S	R37E
WELL NO.	FOOTAGE LOCATION	SECTION	TOWNSHIP	RANGE

Schematic



Tubular Data

Surface Casing

Size 13-3/8" Cemented with 380 sx.

TOC Surface feet determined by Circulation

Hole size 17½"

Intermediate Casing

Size 9-5/8" Cemented with 1500 sx.

TOC 1600 feet determined by Calc.

Hole size 12½"

Long string

Size 5½" Cemented with 1100 sx.

TOC 9300 feet determined by Temp. Survey

Hole size 7-7/8"

Total depth 12,945'

Injection interval

11,862 feet to 11,898 feet perforated

(perforated or open-hole, indicate which)

Tubing size 3½" lined with plastic coating (material) set in a

Watson Arrowset I (brand and model) packer at ±11,000 feet

(or describe any other casing-tubing seal).

Other Data

1. Name of the injection formation Devonian

2. Name of Field or Pool (if applicable) Gladiola

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

   If no, for what purpose was the well originally drilled? Completed as Devonian oil producer 10-24-56

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used) Miss. 11192'-11232' sqzd. w/165 sx CIBP @ 11990' w/2 sx PBTD 11912', Dev. perf 12006-20', cmt. ret. 12148' w/100 sx, Dev. perf 1220-218, cmt. ret. 12240' w/100 sx Dev. perf 12318-332', cmt. ret. 12410' w/150 sx, Dev. perf 12450-470', cmt. ret. 12529' w/100 sx Ellenburger perfs 12721-736'.

5. Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area.

   Wolfcamp ±9400', Mississippian ±11150'

Barbara Fasken
Wingerd No. 13
Gladiola Field
Lea County, New Mexico
Application for Authorization to Inject

MAIL LIST

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

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

Surface Owner

Dean Kinsolving — Cert. # P 322 142 948
P.O. Box 325
Tatum, NM 88267

Leasehold Operators Within One-Half Mile

W/2 of NE/4 Sec. 24 T12S R37E
Wadi Petroleum, Inc. — Cert. # P 322 142 949
1440 S. Walters Road, Suite 400
Houston, TX 77014

E/2 of W/2 Sec. 24 T12S R37E
Amoco Production Co. — Cert. # P 322 142 937
501 Westlake Park Blvd.
Houston, TX 77079

NW/4 Sec. 19 T12S R38E
Brothers Production Co., Inc. — Cert. # P 322 142 938
P.O. Box 7515
Midland, TX 79708

NE/4 of SW/4 Sec. 18 T12S R38E
Yates Petroleum Corporation — Cert. # P 322 142 939
105 S. Fourth St.
Artesia, NM 88210

NW/4 of SW/4 and S/2 of SW/4 Sec. 19 T12S R38E
Unleased

NW/4 Sec. 30 T12S R38E and NE/4 Sec. 25 T12S R37E
Unleased

Barbara Fasken
Wingerd No. 13
Application for Authorization to Inject
Gladiola Field
Lea County, New Mexico

Wells Within Area of Review

McAlester Fuel Co. #1 Brownfield "B" — Oil
Unit G, 1650' FNL 1650' FEL S24 T12S R37E
Compl. 5-23-52 TD 11985'
Perf. 11815'-11845' Devonian
OWWO: 9-21-69 CIBP 10330' Perf 10282-298' Penn.
OWWO: 1-20-70 CIBP 10000' Perf 9310'-9584' TA'd w/18' cmt. on pkr. @ 9270'

Hole	Csg.	Depth	Cmt.
18-1/2"	13-3/8"	365'	400 sx
12-1/4"	9-5/8"	4473'	1968 sx
8-3/4"	5-1/2"	11980'	1235 sx

P & A 7-26-71 Schematic Attached.

McAlester Fuel Co. #2 Brownfield "B" — D&A
Unit G, 1750' FNL 1650' FEL S24 T12S R37E
Compl. 7-31-52 TD 10345'
Perf. 9572-93' Wolfcamp
OWWO: 4-5-60 Sqz. perfs 9572-93' DO to 10323'. Perf. 10295'-10310' No Show. CIBP @ 9510', Perf. 9457-79' No show. Pkr. @ 9445' w/50 sx cmt. PBTD 8840'

Hole	Csg.	Depth	Cmt.
17-1/2"	13-3/8"	367'	400 sx
12-1/4"	9-5/8"	4474'	1657 sx
8-3/4"	5-1/2"	10345'	674 sx

P & A 4-1-63 Schematic Attached.

Pan American Petroleum Corp. #7 Wingerd — Oil
Unit H, 1980' FNL 990' FEL S24 T12S R37E
Compl. 7-24-53 TD 9820'
Perf. 9580-94' Wolfcamp
OWWO: 10-14-63 Spot 25 sx across perfs 9580-94'. Perf. 5220-30', 5538-78'. CIBP @ 5250', sqz. 5220-30' w/100 sx. Cmt. ret. @ 5195'. Perf. 5104-12' cmtd. behind csg. w/72 sx. DO and perf. 5170'-5204' San Andres.

Hole	Csg.	Depth	Cmt.
18"	13-3/8"	312'	360 sx
12-1/4"	9-5/8"	4479'	690 sx
7-7/8"	5-1/2"	9820'	372 sx

P & A 1-11-68 Schematic Attached.

Barbara Fasken #6 Wingerd — Oil
Unit I, 660' FEL 1980' FSL S24 T12S R37E
Compl. 7-13-53 TD 12035'
Perf. 11900-940' Devonian
OWWO: 12-2-58 Set cmt. ret. @ 11880' sqz. 11900-940'. Perf. 11835-860' Devonian
OWWO: 4-3-63 PB to 11850' sqz. 11835-60' w/100 sx. Perf. 11830-840' Devonian

Hole	Csg.	Depth	Cmt.	
17-1/2"	13-3/8"	321'	355 sx	
12-1/4"	9-5/8"	4500'	540 sx	DV @ 2280' w/150 sx
8-3/4"	7"	12034'	630 sx	

Pan American Petroleum Corp. #9 Wingerd — Oil
Unit I, 2210' FSL 890' FEL S24 T12S R37E
Compl. 11-4-53 TD 9820'
Perf. 9589'-9603' Wolfcamp
OWWO: 8-16-55 Cmt. Ret. @ 9585'. Perf. 9386'-9568' Wolfcamp

Hole	Csg.	Depth	Cmt.
17-1/2"	13-3/8"	293'	325 sx
12-1/4"	9-5/8"	4488'	690 sx
8-3/4"	7"	9873'	300 sx

P & A 12-29-67 Schematic Attached.

Pan American Petroleum #11 Wingerd — Oil
Unit J, 2110' FSL 1650' FEL S24 T12S R37E
Compl. 5-23-54 TD 9823'
Perf. 9575-97' Wolfcamp

Hole	Csg.	Depth	Cmt.
17-1/2"	13-3/8"	326'	325 sx
12-1/4"	9-5/8"	4515'	690 sx
8-3/4"	7"	9812'	300 sx

P & A 1-10-68 Schematic Attached.

Barbara Fasken #10 Wingerd — Oil
Unit J, 2310' FSL 1650' FEL S24 T12S R37E
Compl. 4-17-54 TD 12016'
Perf. 11641'-11872' Devonian
OWWO: 2-3-58 add Perfs. 11904-53'
OWWO: 6-24-60 Cmt. ret. @ 11890' Att. sqz. 11904-53' communicated w/hole
OWWO: 5-1-73 Cmt. ret. @ 11792' Sqz. below w/50 sx left 62' cmt. on ret. PBTD 11730'

Hole	Csg.	Depth	Cmt.	
17-1/2"	13-3/8"	315'	325 sx	
12-1/4"	9-5/8"	4493'	540 sx	DV @ 2275' w/150 sx
7-7/8"	5-1/2"	12015'	640 sx	

Fina Oil and Chemical Co. #12 Wingerd — Oil
Unit O, 990' FSL 1650' FEL S24 T12S R37E
Compl. 9-1-55 TD 11987'
Perf. 11865'-11900' Devonian
OWWO: 3-16-91 CIBP 10710'. Perf. 10662-702' Cisco swab wtr. Perf. 9517'-9820' Wolfcamp. Set cmt. ret. @ 10630', attempt sqz. w/100 sx, tbg. stuck, left fish in hole, TOF 10189'. TA'd well.

Hole	Csg.	Depth	Cmt.	
17-1/2"	13-3/8"	300'	325 sx	
12-1/4"	8-5/8"	4500'	690 sx	DV @ 2312' w/100 sx
7-7/8"	5-1/2"	11986'	600 sx	

P & A 5-4-93 Schematic Attached.

Barbara Fasken #13 Wingerd — Oil
Unit P, 990' FSL 660' FEL S24 T12S R37E
Compl. 10-24-56 TD 12945' PBTD 11975'
Attempt Ellenburger Compl. Perf. 12721-736', cmt. ret. 12529' w/100 sx, perf. 12450-70', cmt. ret. 12210' w/150 sx, perf. 12318-32', cmt. ret. 12240' w/100 sx, perf. 12200-18', cmt. ret. 12148' w/100 sx, perf. 12006-020', CIBP @ 11990' w/2 sx cmt.
Perf. 11862-898' Devonian
OWWO: 4-26-84 CIBP @ 11791'. Perf. Miss. 11192-232' tstd. wtr.
OWWO: 6-7-84 Sqz. 11192-232' w/250 sx (165 in fm.) DO cmt. & CIBP @ 11791'. Return well to Devonian production.

Hole	Csg.	Depth	Cmt.
17-1/2"	13-3/8"	318'	380 sx
12-1/4"	9-5/8"	4600'	1500 sx
8-3/4"	5-1/2"	12945'	1100 sx

Amoco Production Corp. #8 Wingerd — Oil & SWD
Unit P, 660' FSL 660' FEL S24 T12S R37E
Compl. 9-20-53 TD 9818'
Perf. 9610-36' Wolfcamp
OWWO: 10-61 Converted well to SWD thru perfs. 9610-36' by Commission order R-2019 7-13-61.

Hole	Csg.	Depth	Cmt.
17-1/2"	13-3/8"	323'	225 sx
12-1/4"	9-5/8"	4495'	590 sx
8-3/4"	7"	9818'	300 sx

P & A 6-14-71 Schematic Attached.

Sinclair Oil & Gas Company #1 H.R. Fields — Oil
Unit A, 330' FNL 330' FEL S25 T12S R37E
Compl. 6-9-53 TD 9654'
Perfs: Wolfcamp 9512'-9547'

Hole	Csg.	Depth	Cmt.
17-1/2"	13-3/8"	300'	375 sx
12"	10-3/4"	660'	550 sx
9-7/8"	7-7/8"	4507'	1200 sx
6-3/4"	5-1/2"	9654'	300 sx

P & A 2-24-67. Schematic Attached.

Jake L. Hamon #1 H.R. Fields — Oil
Unit A, 330' FNL 407' FEL S25 T12S R37E
Compl. 6-22-57 TD 11953'
Perfs: Devonian 11940'-11950'

Hole	Csg.	Depth	Cmt.
17-1/2"	13-3/8"	367'	400 sx
12-1/4"	9-5/8"	4516'	2170 sx
8-3/4"	5-1/2"	11953'	200 sx

P & A 3-29-66 Schematic attached.

Jake L. Hamon #1 Anita Field — D & A
Unit B, 330' FEL 1650' FEL S25 T12S R37E
Compl. 9-7-57 TD 12018'

Hole	Csg.	Depth	Cmt.
17-1/2"	13-3/8"	401'	415 sx
12-1/4"	9-5/8"	4494'	2100 sx

P & A 6-1-60 Schematic attached.

Brothers Production Co. #2 Lea "AV" State — Oil
Unit E, 330' FWL 1980' FNL S19 T12S R38E
Compl. 5-2-53 TD 11955'
Open hole 11885'-11955' Devonian
OWWO: 10-22-62 CIBP @ 11800' w/2 sx cmt. Perf. 11758'-11770' (Miss.) No show oil or gas. CIBP @ 9645' w/2 sx cmt. PBTD 9635'. Perf 9400'-9588' Wolfcamp.

Hole	Csg.	Depth	Cmt.
17-1/4"	13-3/8"	376'	500 sx
12-1/4"	9-5/8"	4520'	2282 sx
8-3/4"	7"	11885'	610 sx

Amoco Production Co. #1 State B-19 — Oil
Unit K, 2310' FSL 1650' FWL S19 T12S R38E
Compl. 5-27-57 TD 11982'
Perf. 11958-968' Devonian

Hole	Csg.	Depth	Cmt.
17-1/4"	13-3/8"	342'	350 sx
11"	8-5/8"	4633'	650 sx
7-7/8"	5-1/2"	11982'	1200 sx

P & A 9-13-71 Schematic Attached.

Pan American Petroleum Corp. #2 Houston "A" — Oil
Unit L, 2110' FSL 330' FWL S19 T12S R38E
Compl. 4-27-54 TD 9816'
Perf. 9470'-9536' Wolfcamp

Hole	Csg.	Depth	Cmt.
17-1/2"	13-3/8"	303'	325 sx
12-1/4"	9-5/8"	4490'	590 sx
8-3/4"	5-1/2"	9806'	370 sx

P & A 12-1-67 Schematic Attached.

Petro Oil Company, L.P. #1 Houston "A" Oil
Unit L, 2310' FSL 330' FWL S19 T12S R38E
Compl. 11-17-53 TD 11960'
Open hole 11921-960' Devonian
OWWO: 10-14-58 Perf. 11874-890' Devonian
OWWO: 1-6-59 CIBP @ 11905'
OWWO: 7-27-59 Cmt. ret. 11850' sqz. 11874-890' w/200 sx. DO to 11900'. Reperf. 11875-885' Devonian

Hole	Csg.	Depth	Cmt.
17-1/2"	13-3/8"	324'	255 sx
12-3/4"	9-5/8"	4514'	440 sx
8-3/4"	7"	11921'	1260 sx

P & A 9-6-87 Schematic Attached.

Pan American Petroleum Corp. #1 Houston "B" Oil
Unit M, 990' FSL 330' FWL S19 T12S R38E
Compl. 2-10-54 TD 9820' PBTD 9575'
Perf. 9498'-9556' Wolfcamp
OWDO: 1-29-57 Drilled to new TD 11971'. Set 5" liner 9140'-11971'. Perf 11908-953' Devonian
OWWO: 8-1-69 CIBP @ 11700'. Perf. Penn 10004-176'. No shows.

Hole	Csg.	Depth	Cmt.
17-1/2"	13-3/8"	301'	325 sx
12-1/4"	9-5/8"	4461'	690 sx
8-3/4"	7"	9808'	300 sx
NR	5" liner	9140'-11971'	200 sx

P & A 8-15-69 Schematic Attached.

Amini Oil Corporation #1 State E-476 "A" Oil
Unit D, 330' FNL 380' FWL S30 T12S R38E
Compl. 9-13-53 TD 9660'
Perf. Wolfcamp 9558-79', 9596'-9603'

Hole	Csg.	Depth	Cmt.
17-1/2"	13-3/8"	359'	400 sx
12-1/4"	9-5/8"	4506'	1600 sx
8-3/4"	5-1/2"	9658'	1435 sx (DV @ 8798')

P & A 12-5-69 Schematic Attached.

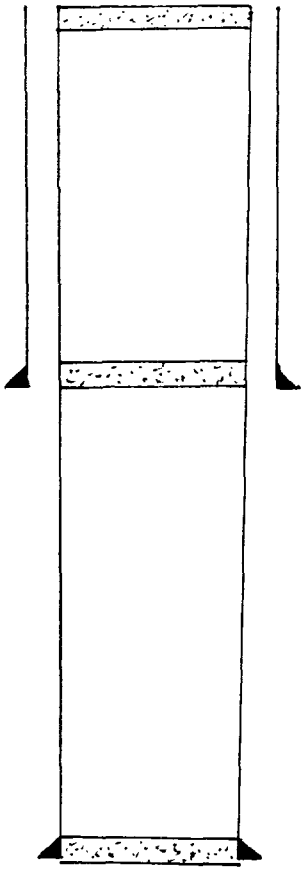
Amini Oil Corporation #2 State E-476 "A" Oil
Unit D, 330' FNL 486' FWL S30 T12S R38E
Compl. 9-27-57 TD 11990'
Open Hole Devonian 11969-990'

Hole	Csg.	Depth	Cmt.
17-1/2"	13-3/8"	364'	350 sx
12-1/4"	9-5/8"	4524'	1559 sx
8-3/4"	5-1/2"	11969'	680 sx (DV @ 9955')

P & A 12-3-69 Schematic Attached.

OPERATOR		DATE P&A
McALESTER FUELS CO.		7/26/71

LEASE	WELL NO.	LOCATION
BROWNFIELD	1	UNIT G SEC 24 T12S R37E



SPOT 10 SX @ SURFACE

SPOT 25 SX @ 365'

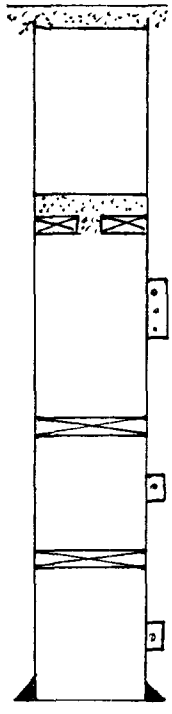
13 3/8" CSG AT 365 WITH 400 SX

SPOT 35 SX @ 4473'

9 5/8" CSG AT 4473 WITH 1968 SX

CUT 5 1/2" AND PULLED 5155'

SPOT 25 SX @ 5155'



PACKER @ 9270' W/18' CMT ON TOP

PF 9310-9584'

CIBP @ 10000'

PF 10282-10298'

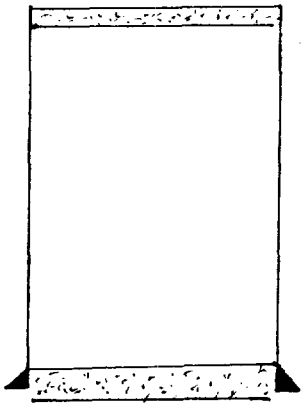
CIBP @ 10330'

PF 11815-11845

5 1/2" CSG AT 11980 WITH 1235 SX

TOT DEPTH 11985

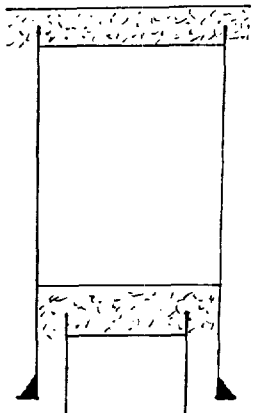
OPERATOR			DATE P&A
McALESTER FUELS CO.			4/1/63
LEASE	WELL NO.	LOCATION	
BROWNFIELD	2	UNIT G SEC 24 T12S R37E	



SPOT 10 SX @ SURFACE

SPOT 25 SX @ 370-338'

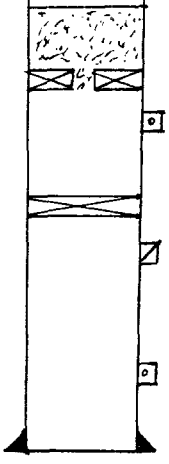
13 3/8" CSG AT 367 WITH 400 SX



CUT 9 5/8" AND PULLED 684'
SPOT 25 SX @ 700-660'

CUT 5 1/2" AND PULLED 4026'
SPOT 25 SX @ 4050-3968'

9 5/8" CSG AT 4474 WITH 1657 SX



PACKER @ 9445' W/50 SX CMT ON TOP, PBTD 8990

PF 9457-9479'

CIBP @ 9510'

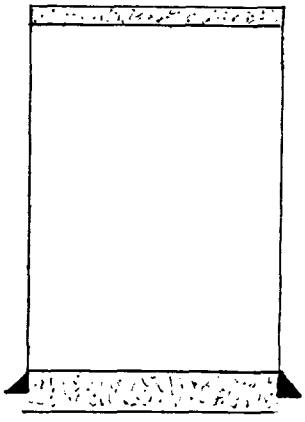
PF 9572-9593, SQZD

PF 10295-10310'

5 1/2" CSG AT 10345 WITH 674 SX

TOT DEPTH 10345

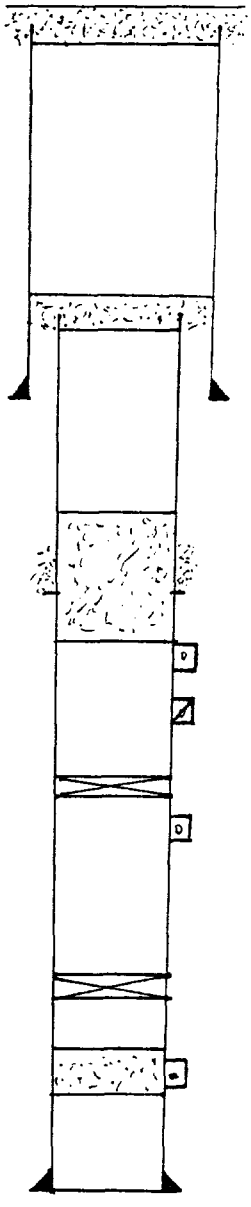
OPERATOR			DATE P&A
PAN AMERICAN PETROLEUM CORP.			1/11/68
LEASE	WELL NO.	LOCATION	
WINGERD	7	UNIT H SEC 24 T12S R37E	



SPOT 10 SX @ SURFACE

SPOT 25 SX IN & OUT OF 13 3/8"

13 3/8" CSG AT 312 WITH 360 SX



CUT 9 5/8" AND PULLED 924'
SPOT 25 SX IN & OUT OF STUB

CUT 5 1/2" AND PULLED 4424'
SPOT 25 SX IN & OUT OF STUB

9 5/8" CSG AT 4479 WITH 690 SX

SPOT 20 SX 5175-5100

PF 5104-12 BLOCK SQZ CSG W/75 SX

PF 5170-5204'

PF 5220-5230', SQZD W/100 SX

CIBP @ 5250'

PF 5538-5578'

CIBP @ 9510'

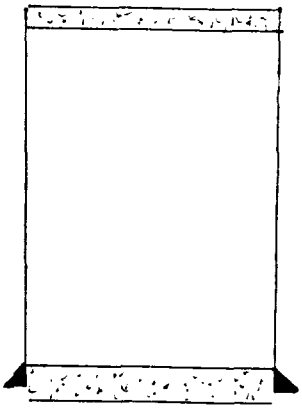
SPOT 25 SX CMT ACROSS PERFS 9580-94'

PF 9580-9594'

5 1/2" CSG AT 9820 WITH 372 SX

TOT DEPTH 9820

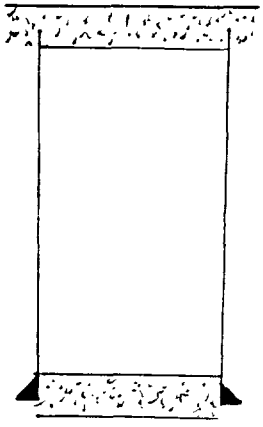
OPERATOR			DATE P&A
PAN AMERICAN PETROLEUM CORP.			12/29/67
LEASE	WELL NO.	LOCATION	
WINGERD	9	UNIT I SEC 24 T12S R37E	



SPOT 10 SX @ SURFACE

SPOT 25 SX IN & OUT OF 13 3/8" @ 300'

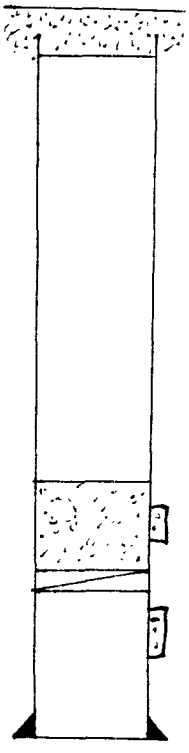
13 3/8" CSG AT 293 WITH 325 SX



CUT 9 5/8" AND PULLED 1000'
SPOT 25 SX IN & OUT OF 9 5/8" STUB

SPOT 25 SX IN & OUT OF 9 5/8" @ 4499'

9 5/8" CSG AT 4488 WITH 690 SX



CUT 7" AND PULLED 5450'
SPOT 25 SX IN & OUT OF 7" STUB

SPOT 50 SX 9585-9300'

PF 9386-9568'

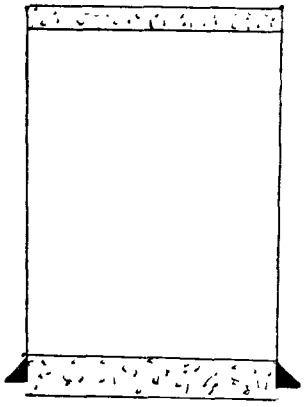
CMT RET @ 9585'

PF 9589-9603'

7" CSG AT 9873 WITH 300 SX

TOT DEPTH 9820

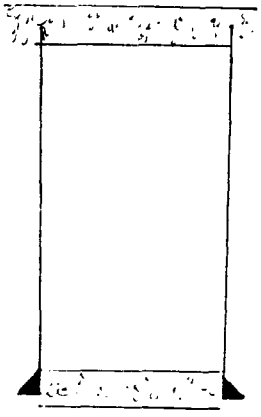
OPERATOR			DATE P&A
PAN AMERICAN PETROLEUM CORP.			1/10/68
LEASE	WELL NO.	LOCATION	
WINGERD	11	UNIT J SEC 24 T12S R37E	



SPOT 10 SX @ SURFACE

SPOT 25 SX IN & OUT OF 13 3/8"

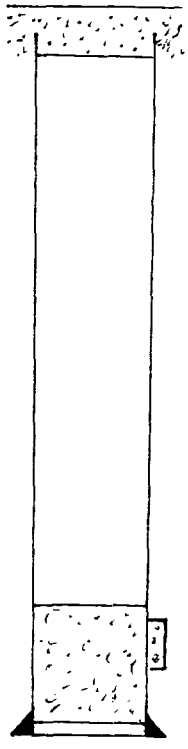
13 3/8" CSG AT 326 WITH 325 SX



CUT 9 5/8" AND PULLED 700'
SPOT 25 SX IN & OUT OF 9 5/8" STUB

SPOT 20 SX IN & OUT OF 9 5/8" @ 4529'

9 5/8" CSG AT 4515 WITH 690 SX



CUT 7" AND PULLED 4700'
SPOT 25 SX IN & OUT OF 7" STUB

SPOT 40 SX 9785-9550'

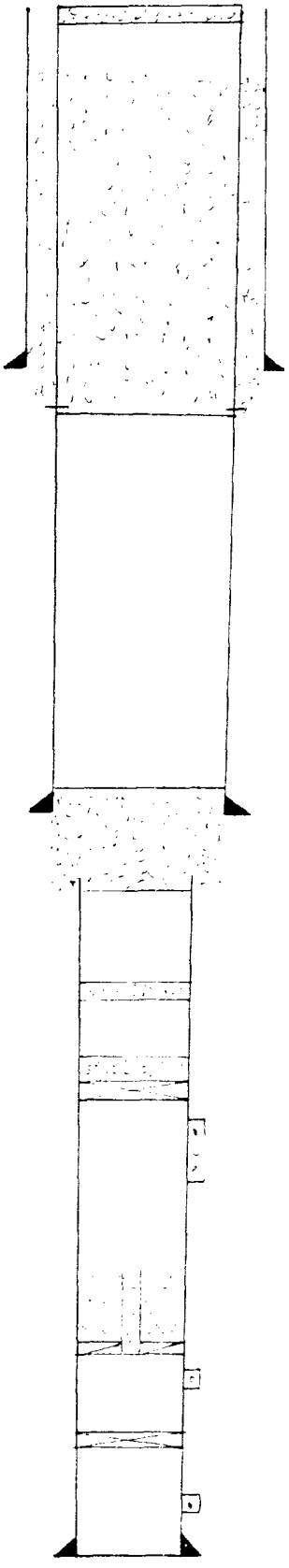
PF 9575-9692'

7" CSG AT 9812 WITH 300 SX

TOT DEPTH 9823

OPERATOR		DATE P&A
FINA OIL & CHEMICAL CO.		5/4/93

LEASE	WELL NO.	LOCATION
WINGERD	12	UNIT O SEC 24 T12S R37E



SPOT 10 SX @ SURFACE

13 3/8" CSG AT 300 WITH 325 SX

SPOT 90 SX IN & OUT OF 13 3/8" @ 360-50' thru csg cut

8 5/8" CSG AT 4500 WITH 690 SX

CUT 5 1/2" AND PULLED 4860'
SPOT 220 SX @ 4909 ACROSS 5 1/2" AND INTO 8 5/8" CSG

SPOT 25 SX @ 6909'

CIBP @ 9440' W/ 40' CMT

PF 9517-9830'

CMT RET @ 10630' W/441' 2 7/8" TBG CMTD IN, TOF 10189'

PF 10662-10702'

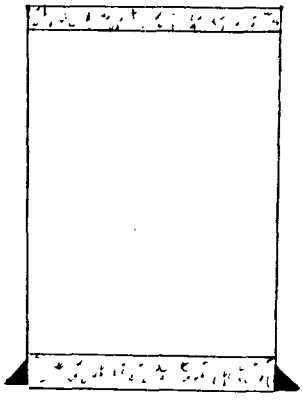
CIBP @ 10710'

PF 11865-11900'

5 1/2" CSG AT 11986 WITH 600 SX

TOT DEPTH 11987

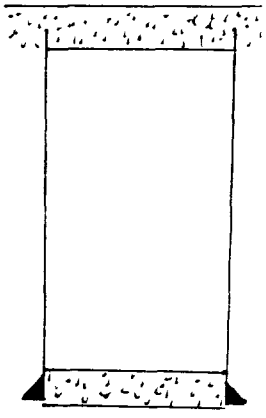
OPERATOR			DATE P&A
AMOCO PRODUCTION CORP.			6/14/71
LEASE	WELL NO.	LOCATION	
WINGERD	8	UNIT P SEC 24 T12S R37E	



SPOT 10 SX @ SURFACE

SPOT 50 SX IN & OUT OF 13 3/8" @ 323'

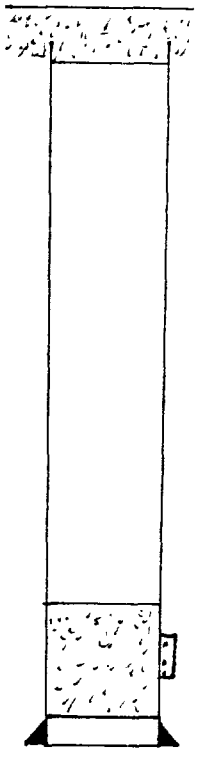
13 3/8" CSG AT 323 WITH 225 SX



CUT 9 5/8" AND PULLED 985'
SPOT 25 SX IN & OUT OF 9 5/8" STUB

SPOT 25 SX IN & OUT OF 9 5/8" @ 4495'

9 5/8" CSG AT 4495 WITH 590 SX



CUT 7" AND PULLED 5008'
SPOT 25 SX IN & OUT OF 7" STUB

SPOT 75 SX @ 9770-9400' (CALC.)

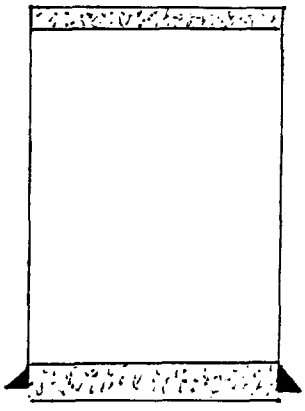
PF 9610-9636'

PBTD 9770'

7" CSG AT 9818 WITH 300 SX

TOT DEPTH 9818

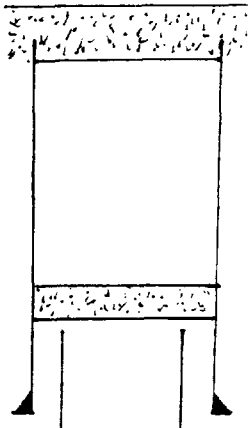
OPERATOR			DATE P&A
AMOCO PRODUCTION CO.			9/13/71
LEASE	WELL NO.	LOCATION	
STATE "B-19"	1	UNIT K SEC 19 T12S R38E	



SPOT 10 SX @ SURFACE

SPOT 50 SX 344-295'

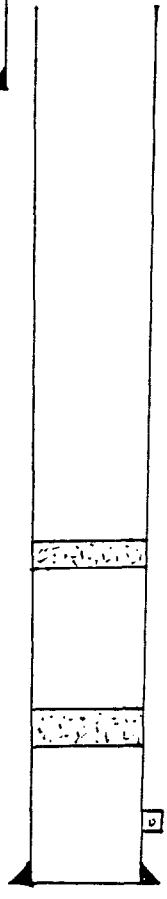
13 3/8" CSG AT 342 WITH 350 SX



CUT 8 5/8" AND PULLED 980'
SPOT 50 SX 1010-920'

8 5/8" CSG AT 4633 WITH 650 SX

CUT 5 1/2" AND PULLED 4582'
SPOT 50 SX 4530-4450'



SPOT 30 SX 8050-8300'

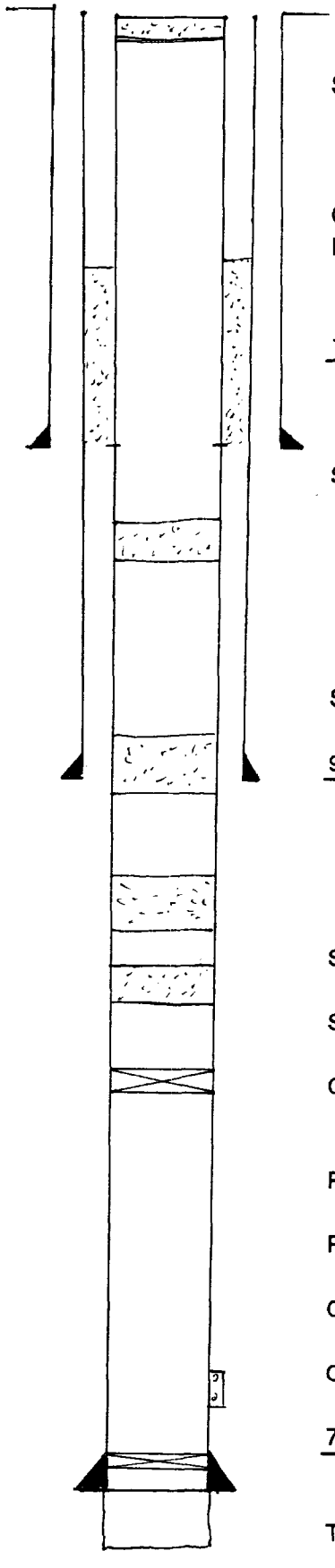
SPOT 50 SX 11598-11500'

PF 11958-11968'

5 1/2" CSG AT 9597 WITH 1200 SX

TOT DEPTH 11982

OPERATOR			DATE P&A
PETRUS OIL COMPANY, L.P.			9/6/87
LEASE	WELL NO.	LOCATION	
HOUSTON "A"	1	UNIT L SEC 19 T12S R38E	



SPOT 10 SX @ SURFACE

CIRC 100 SX THRU SQZ HOLES @ 324', TOC 272'
PF 7" @ 324' W/ 4SPF

13 3/8" CSG AT 324 WITH 255 SX

SPOT 25 SX @ 2225'

SPOT 50 SX 4533-4240'

9 5/8" CSG AT 4514 WITH 440 SX

SPOT 100 SX 5988-5709'

SPOT 25 SX 7002-6902'

CIBP @ 9270'

PF 11875-11885'

PF 11874-11890' SQZD

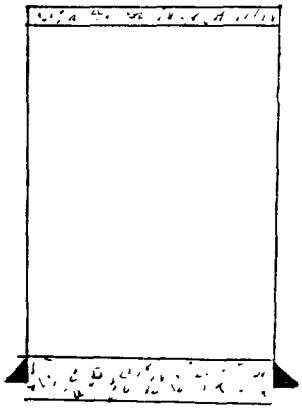
CIPB @ 11905'

OPEN HOLE 11921-11960'

7" CSG AT 11921 WITH 1260 SX

TOT DEPTH 11960

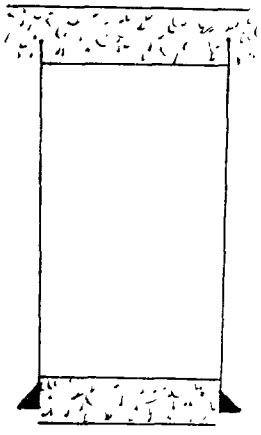
OPERATOR			DATE P&A
PAN AMERICAN PETROLEUM CORP.			12/1/67
LEASE	WELL NO.	LOCATION	
HOUSTON "A"	2	UNIT L SEC 19 T12S R38E	



SPOT 10 SX @ SURFACE

SPOT 25 SX IN & OUT OF 13 3/8" CSG

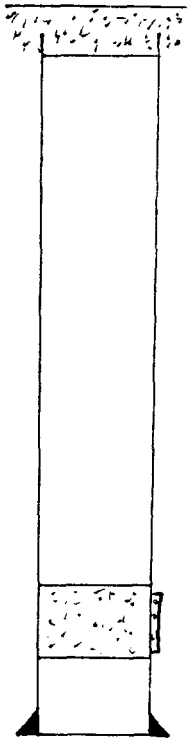
13 3/8" CSG AT 303 WITH 325 SX



CUT 9 5/8" AND PULLED 1220'
SPOT 25 SX IN & OUT OF 9 5/8" STUB

SPOT 20 SX IN & OUT OF 9 5/8" @ 4500'

9 5/8" CSG AT 4490 WITH 590 SX



CUT 5 1/2" AND PULLED 5020'
SPOT 25 SX IN & OUT OF 5 1/2" STUB

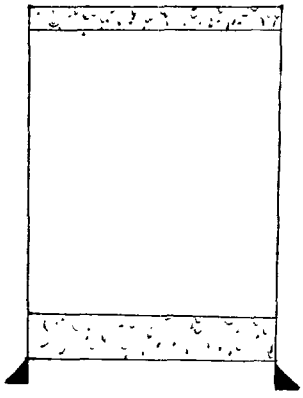
SPOT 15 SX 9550-9460'

PF 9470-9536'

5 1/2" CSG AT 9806 WITH 370 SX

TOT DEPTH 9816

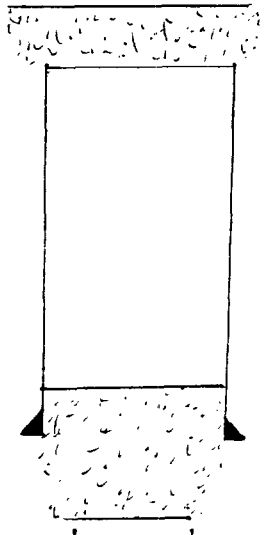
OPERATOR			DATE P&A
PAN AMERICAN PETROLEUM CORP.			8/15/69
LEASE	WELL NO.	LOCATION	
HOUSTON "B"	1	UNIT M SEC 19 T12S R38E	



SPOT 10 SX @ SURFACE

SPOT 50 SX 290-250'

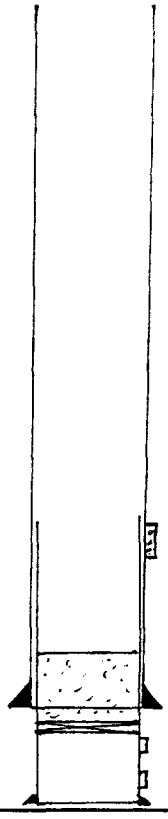
13 3/8" CSG AT 301 WITH 325 SX



CUT 9 5/8" AND PULL @ 710'
SPOT 25 SX 710-560'

9 5/8" CSG AT 4461 WITH 690 SX

CUT 7" AND PULL @ 4478'
SPOT 75 SX 4450-4200'



ORIGINAL COMPLETION:
TD 9820' PBTD 9575'
PF 9498-9556'

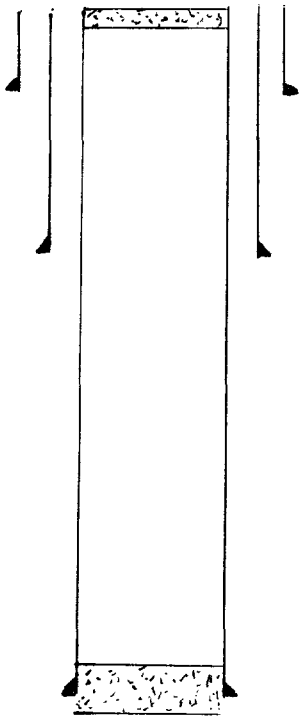
SPOT 50 SX 10200-9990'

OLD WELL DRILLED DEEPER:
DRILLED NEW HOLE 9820-11971'
SET 5" LINER 9140-11971' W/200 SX
PF 10004-10176'

CIBP @ 11700'
PF 11908-11953'

7" CSG AT 9808 WITH 300 SX
5" LINER @ WITH 200 SX
TOP LINER 9140
TOT DEPTH 11971

OPERATOR			DATE P&A
Sinclair Oil & Gas Company			2-24-67
LEASE	WELL NO.	LOCATION	
H. R. Fields	1	Unit A, Sec 25, T12S, R37E	



10 sx @ surface

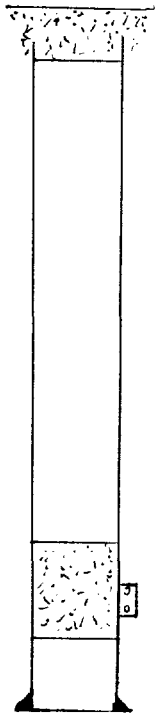
13-3/8" CSG AT 300 WITH 375 SX

10-3/4" CSG AT 660 WITH 550 SX

25 sx 4457-4567'

7-7/8" CSG AT 4507 WITH 1200 SX

Cut 5-1/2" csg @ 4800'



25 sx 4714-4820'

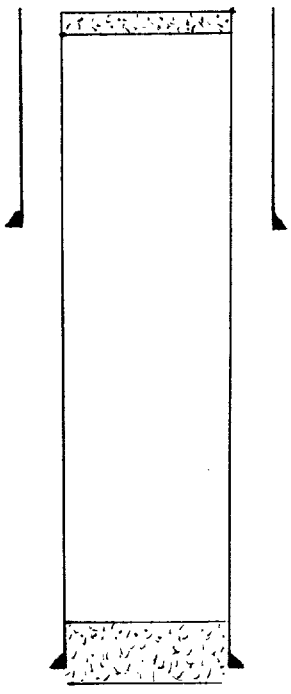
25 sx 9400-9624'

Perfs 9512-9547'

5-1/2" CSG AT 9654 WITH 300 SX

TOTAL DEPT 9654

OPERATOR			DATE P&A
Jake L. Hamon			3-29-66
LEASE	WELL NO.	LOCATION	
H. R. Fields	1	Unit A, Sec. 25, T12S, R37E	



10 sx @ surface

13-3/8" CSG AT 367 WITH 400 SX

30 sx 4466-4566'

9-5/8" CSG AT 4516 WITH 2170 SX

Cut 5-1/2" casing @ 5030' and pulled

25 sx 4950-5050'

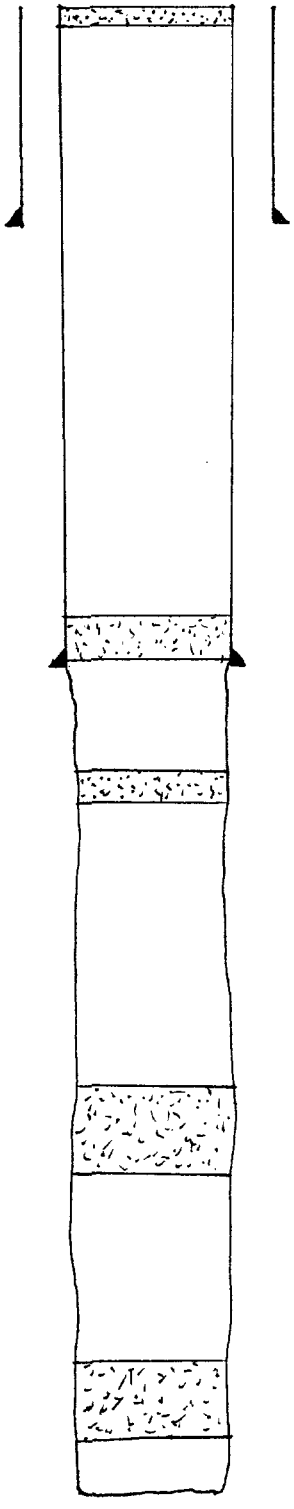
25 sx 11733-11953'

Perfs 11940-11950

5-1/2" CSG AT 11953 WITH 200 SX

TOTAL DEPT 11953

OPERATOR		DATE P&A
Jake L. Hamon		6-1-60
LEASE	WELL NO. / LOCATION	
Anita Fields	1 / Unit B, Sec. 25, T12S, R37E	



10 sx @ surface

13-3/8" CSG AT 401 WITH 415 SX

40 sx 4401-4486'

9-5/8" CSG AT 4494 WITH 2100 SX

40 sx 5833-5936'

110 sx 9092-9400'

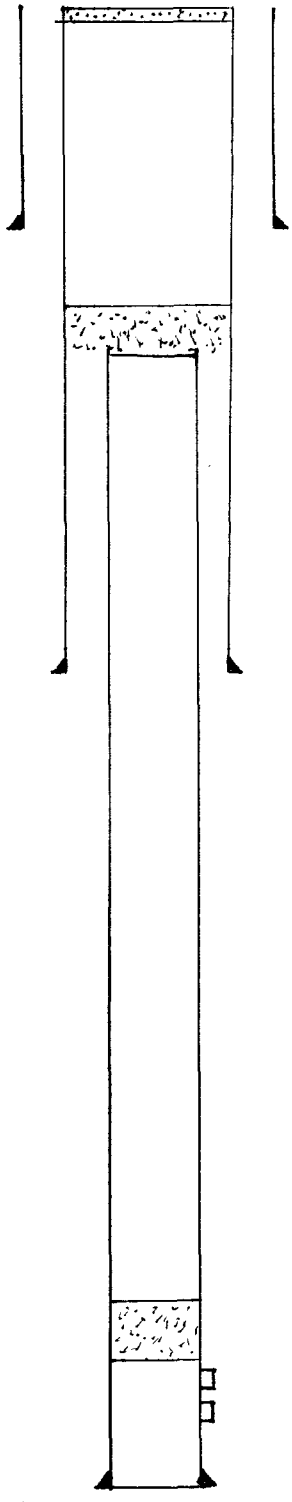
75 sx 11680-11890'

No production casing run.

_____ CSG AT _____ WITH _____ SX

TOTAL DEPT 12018

OPERATOR			DATE P&A
Amini Oil Corporation			12-5-69
LEASE	WELL NO.	LOCATION	
State E - 476 "A"	1	Unit D, Sec. 30, T12S, R38E	



10 sx @ surface

13-3/8" CSG AT 359 WITH 400 SX

Cut and pulled 5-1/2" casing @ 2758'

Spot 25 sx 2758'

9-5/8" CSG AT 4506 WITH 1600 SX

DV tool @ 8798'

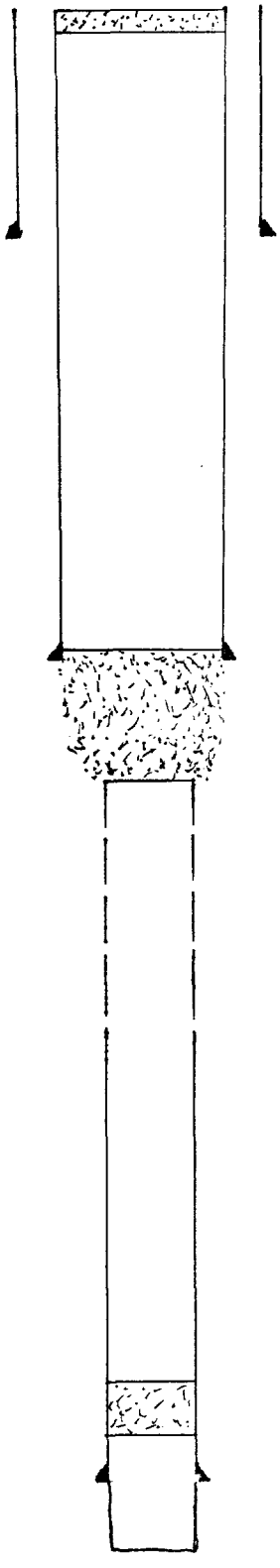
Spot 30 sx @ 9550'

Perf 9558-79', 9596'-9603'

5-1/2" CSG AT 9658 WITH 1435 SX

TOTAL DEPT 9660

OPERATOR			DATE P&A
Amini Oil Corporation			12-3-69
LEASE	WELL NO.	LOCATION	
State E - 476 "A"	2	Unit D, Sec. 30, T12S, R38E	



10 sx @ surface

13-3/8" CSG AT 364 WITH 350 SX

9-5/8" CSG AT 4524 WITH 1559 SX

Spot 50 sx 4622'

Shot and pulled 5-1/2" csg @ 4622'

Shot 5-1/2" csg @ 5500'

Shot 5-1/2" csg @ 6000'

Shot 5-1/2" csg @ 7000'

Shot 5-1/2" csg @ 8000'
DV tool @ 9955'

Spot 30 sx @ 11900'

Open Hole 11969-11990'

5-1/2" CSG AT 11969 WITH 680 SX

TOTAL DEPT 11990

P. O. BOX 1468
MONAHANS, TEXAS 79756
PH. 943-3234 OR 563-1040

Martin Water Laboratories, Inc.

709 W. INDIANA
MIDLAND, TEXAS 79701
PHONE 683-4521

RESULT OF WATER ANALYSES

LABORATORY NO. 893131
SAMPLE RECEIVED 8-23-93
RESULTS REPORTED 8-24-93

TO: Mr. Carl Brown
303 West Wall Street, Suite 1901
Midland, TX 79701

COMPANY Barbara Fasken LEASE
FIELD OR POOL Gladiola
SECTION 24 BLOCK SURVEY T-12S&R-37E COUNTY Lea STATE NM

SOURCE OF SAMPLE AND DATE TAKEN:

NO. 1 Raw water - taken from Kinsoning fresh water well (windmill). 8-21-93
NO. 2
NO. 3
NO. 4

REMARKS:

CHEMICAL AND PHYSICAL PROPERTIES	NO. 1	NO. 2	NO. 3	NO. 4
Specific Gravity at 60° F.	1.0015			
pH When Sampled				
pH When Received	7.32			
Bicarbonate as HCO_3	307			
Supersaturation as $CaCO_3$				
Undersaturation as $CaCO_3$				
Total Hardness as $CaCO_3$	100			
Calcium as Ca	27			
Magnesium as Mg	8			
Sodium and/or Potassium	162			
Sulfate as SO_4	103			
Chloride as Cl	67			
Iron as Fe	0.54			
Barium as Ba				
Turbidity, Electric				
Color as Pt				
Total Solids, Calculated	674			
Temperature °F.				
Carbon Dioxide, Calculated				
Dissolved Oxygen,				
Hydrogen Sulfide	0.0			
Resistivity, ohms/m at 77° F	12.42			
Suspended Oil				
Filtrable Solids as mg/l				
Volume Filtered, ml				
Nitrate, as N	0.0			

Results Reported As Milligrams Per Liter

Additional Determinations And Remarks The undersigned certifies the above to be true and correct to the best of his knowledge and belief.

Form No. 3

By Waylan C. Martin, M.A.

P. O. BOX 1468
MONAHANS, TEXAS 79756
PH. 943-3234 OR 563-1040

Martin Water Laboratories, Inc.

709 W. INDIANA
MIDLAND, TEXAS 79701
PHONE 683-4521

RESULT OF WATER ANALYSES

LABORATORY NO. 893128
SAMPLE RECEIVED 8-23-93
RESULTS REPORTED 8-24-93

TO: Mr. Carl Brown
303 West Wall Street, Suite 1901
Midland, TX 79701

COMPANY Barbara Fasken LEASE
FIELD OR POOL Gladiola
SECTION 13 BLOCK SURVEY T-12S&R-37E COUNTY Lea STATE NM
SOURCE OF SAMPLE AND DATE TAKEN:
NO. 1 Raw water - taken from Skelton Ranch House (garden hose). 8-21-93
NO. 2
NO. 3
NO. 4
REMARKS:

CHEMICAL AND PHYSICAL PROPERTIES

	NO. 1	NO. 2	NO. 3	NO. 4
Specific Gravity at 60° F.	1.0011			
pH When Sampled				
pH When Received	7.40			
Bicarbonate as HCO_3	244			
Supersaturation as $CaCO_3$				
Undersaturation as $CaCO_3$				
Total Hardness as $CaCO_3$	244			
Calcium as Ca	85			
Magnesium as Mg	8			
Sodium and/or Potassium	64			
Sulfate as SO_4	104			
Chloride as Cl	54			
Iron as Fe	0.05			
Barium as Ba				
Turbidity, Electric				
Color as Pt				
Total Solids, Calculated	559			
Temperature °F.				
Carbon Dioxide, Calculated				
Dissolved Oxygen,				
Hydrogen Sulfide	0.0			
Resistivity, ohmsm at 77° F.	15.22			
Suspended Oil				
Filtrable Solids as mg/l				
Volume Filtered, ml				
Nitrate, as N	0.0			

Results Reported As Milligrams Per Liter

Additional Determinations And Remarks The undersigned certifies the above to be true and correct to the best of his knowledge and belief.

Form No. 3

By Waylan C. Martin, M.A.

P. O. BOX 1468
MONAHANS, TEXAS 79756
PH. 943-3234 OR 563-1040

Martin Water Laboratories, Inc.

709 W. INDIANA
MIDLAND, TEXAS 79701
PHONE 683-4521

RESULT OF WATER ANALYSES

LABORATORY NO. 893130
SAMPLE RECEIVED 8-23-93
RESULTS REPORTED 8-24-93

TO: Mr. Carl Brown
303 West Wall Street, Suite 1901
Midland, TX 79701

COMPANY Barbara Fasken LEASE
FIELD OR POOL Gladiola
SECTION 19 BLOCK SURVEY T-12S&R-38E COUNTY Lea STATE NM
SOURCE OF SAMPLE AND DATE TAKEN:
NO. 1 Raw water - taken @ Houston Ranch House (kitchen faucet). 8-21-93
NO. 2
NO. 3
NO. 4

REMARKS:

CHEMICAL AND PHYSICAL PROPERTIES	NO. 1	NO. 2	NO. 3	NO. 4
Specific Gravity at 60° F.	1.0020			
pH When Sampled				
pH When Received	7.32			
Bicarbonate as HCO_3	220			
Supersaturation as $CaCO_3$				
Undersaturation as $CaCO_3$				
Total Hardness as $CaCO_3$	512			
Calcium as Ca	170			
Magnesium as Mg	21			
Sodium and/or Potassium	91			
Sulfate as SO_4	132			
Chloride as Cl	278			
Iron as Fe	0.05			
Barium as Ba				
Turbidity, Electric				
Color as Pt				
Total Solids, Calculated	912			
Temperature °F.				
Carbon Dioxide, Calculated				
Dissolved Oxygen,				
Hydrogen Sulfide	0.0			
Resistivity, ohms/m at 77° F	7.20			
Suspended Oil				
Filtrable Solids as mg/l				
Volume Filtered, ml				
Nitrate, as N	1.0			

Results Reported As Milligrams Per Liter

Additional Determinations And Remarks The undersigned certifies the above to be true and correct to the best of his knowledge and belief.

Form No. 3

By
Waylan C. Martin, M.A.

P. O. BOX 1468
MONAHANS, TEXAS 79756
PH. 943-3234 OR 563-1040

Martin Water Laboratories, Inc.

709 W. INDIANA
MIDLAND, TEXAS 79701
PHONE 683-4621

RESULT OF WATER ANALYSES

TO: Mr. Carl Brown
303 West Wall Street, Suite 1901
Midland, TX 79701

LABORATORY NO. 893129
SAMPLE RECEIVED 8-23-93
RESULTS REPORTED 8-24-93

COMPANY Barbara Fasken LEASE
FIELD OR POOL Gladiola
SECTION 24 BLOCK SURVEY T-12S&R-37E COUNTY Lea STATE NM

SOURCE OF SAMPLE AND DATE TAKEN:

NO. 1 Raw water - taken from Bill Green Fresh water well (garden hose). 8-21-93
NO. 2
NO. 3
NO. 4

REMARKS:

CHEMICAL AND PHYSICAL PROPERTIES	NO. 1	NO. 2	NO. 3	NO. 4
Specific Gravity at 60° F	1.0024			
pH When Sampled				
pH When Received	6.93			
Bicarbonate as HCO_3	273			
Supersaturation as $CaCO_3$				
Undersaturation as $CaCO_3$				
Total Hardness as $CaCO_3$	720			
Calcium as Ca	220			
Magnesium as Mg	41			
Sodium and/or Potassium	263			
Sulfate as SO_4	169			
Chloride as Cl	632			
Iron as Fe	0.90			
Barium as Ba				
Turbidity, Electric				
Color as Pt				
Total Solids, Calculated	1,598			
Temperature °F.				
Carbon Dioxide, Calculated				
Dissolved Oxygen,				
Hydrogen Sulfide	0.0			
Resistivity, ohms/m at 77° F.	3.89			
Suspended Oil				
Filtrable Solids as mg/l				
Volume Filtered, ml				
Nitrate, as N	0.0			

Results Reported As Milligrams Per Liter

Additional Determinations And Remarks The undersigned certifies the above to be true and correct to the best of his knowledge and belief.

Form No. 3

By
Waylan C. Martin, M.A.

BARBARA FASKEN
FASKEN OIL AND RANCH INTERESTS
303 WEST WALL AVENUE, SUITE 1900
MIDLAND, TEXAS 79701-5116
(915) 687-1777

December 15, 1993

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

Attention: Mr. Ben Stone

Re: Application for
Authorization to Inject
Barbara Fasken-Operator
Wingerd #13
Sec 24, T-12S, R-37E
Gladiola Field
Lea County, New Mexico

Dear Mr. Stone:

Attached please find copies of the affidavit of publication for the above mentioned application, and certified mail return receipts for the copies of the application provided to the offset operators and land owner. The latest notification date is December 10, 1993.

Thank you for your help in this matter.

Sincerely,

Carl Brown
Carl Brown
Petroleum Engineer

CWB/cb
cc: File

Is your RETURN ADDRESS completed on the reverse side?

SENDER:
- Complete items 1 and/or 2 for additional services.
- Complete items 3, and 4a & b.
- Print your name and address on the reverse of this form so that we can return this card to you.
- Attach this form to the front of the mailpiece, or on the back if space does not permit.
- Write "Return Receipt Requested" on the mailpiece below the article number.
- The Return Receipt will show to whom the article was delivered and the date delivered.

I also wish to receive the following services (for an extra fee):

1. ☐ Addressee's Address
2. ☐ Restricted Delivery

Consult postmaster for fee.

3. Article Addressed to:

Wadi Petroleum, Inc.
1440 S. Walters Rd., Suite 400
Houston, TX 77014

4a. Article Number

P 322 142 949

4b. Service Type

☐ Registered ☐ Insured
☒ Certified ☐ COD
☐ Express Mail ☐ Return Receipt for Merchandise

7. Date of Delivery 12-10

5. Signature (Addressee) V. A. Clifton

8. Addressee's Address (Only if requested and fee is paid)

6. Signature (Agent)

PS Form **3811**, December 1991 ★U.S. GPO: 1992—323-402 **DOMESTIC RETURN RECEIPT**

Thank you for using Return Receipt Service.

P 322 142 949

Receipt for Certified Mail

No Insurance Coverage Provided
Do not use for International Mail
(See Reverse)

UNITED STATES POSTAL SERVICE

Sent to: Wadi Petroleum, Inc.	
Street and No.: 1440 S. Walters Rd., Ste. 40C	
P.O., State and ZIP Code: Houston, TX 77014	
Postage	$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, and Addressee's Address	
TOTAL Postage & Fees	$
Postmark or Date: 12-6-93	
Wingerd #13 - Injection	

PS Form **3800**, June 1991

SENDER:

- Complete items 1 and/or 2 for additional services.
- Complete items 3, and 4a & b.
- Print your name and address on the reverse of this form so that we can return this card to you.
- Attach this form to the front of the mailpiece, or on the back if space does not permit.
- Write "Return Receipt Requested" on the mailpiece below the article number.
- The Return Receipt will show to whom the article was delivered and the date delivered.

I also wish to receive the following services (for an extra fee):

1. ☐ Addressee's Address
2. ☐ Restricted Delivery

Consult postmaster for fee.

3. Article Addressed to:

Amoco Production Co.
501 Westlake Park Blvd.
Houston, TX 77079

4a. Article Number
P 322 142 937

4b. Service Type
☐ Registered ☐ Insured
☒ Certified ☐ COD
☐ Express Mail ☐ Return Receipt for Merchandise

7. Date of Delivery
DEC 10 1993

8. Addressee's Address (Only if requested and fee is paid)
DEC 10 1993

5. Signature (Addressee)

6. Signature (Agent)
Wilbert Swoen

PS Form 3811, December 1991 ★U.S. GPO: 1992—323-402 **DOMESTIC RETURN RECEIPT**

Is your RETURN ADDRESS completed on the reverse side?

Thank you for using Return Receipt Service.

P 322 142 937

Receipt for Certified Mail
No Insurance Coverage Provided
Do not use for International Mail
(See Reverse)

UNITED STATES POSTAL SERVICE

Sent to: Amoco Production Co.	
Street and No.: 501 Westlake Park Blvd.	
P.O., State and ZIP Code: Houston, TX 77079	
Postage	$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, and Addressee's Address	
TOTAL Postage & Fees	$
Postmark or Date: 12-6-93	
Wingerd #13 - Injection	

PS Form 3800, June 1991

SENDER: Complete items 1 and 2 when additional services are desired, and complete items 3 and 4.

Put your address in the "RETURN TO" Space on the reverse side. Failure to do this will prevent this card from being returned to you. The return receipt fee will provide you the name of the person delivered to and the date of delivery. For additional fees the following services are available. Consult postmaster for fees and check box(es) for additional service(s) requested.

1. ☐ Show to whom delivered, date, and addressee's address. *(Extra charge)*
2. ☐ Restricted Delivery *(Extra charge)*

3. Article Addressed to:

Brothers Production Co., Inc.
P.O. Box 7515
Midland, TX 79708

4. Article Number
P 322 142 938

Type of Service:
☐ Registered ☐ Insured
☒ Certified ☐ COD
☐ Express Mail ☐ Return Receipt for Merchandise

Always obtain signature of addressee or agent and DATE DELIVERED.

5. Signature – Addressee
X

6. Signature – Agent
X

7. Date of Delivery
12-10-93

8. Addressee's Address *(ONLY if requested and fee paid)*

PS Form **3811**, Apr. 1989 ★U.S.G.P.O. 1989-238-815 **DOMESTIC RETURN RECEIPT**

P 322 142 938

Receipt for Certified Mail
No Insurance Coverage Provided
Do not use for International Mail
(See Reverse)

UNITED STATES POSTAL SERVICE

Sent to: Brothers Production Co., Inc.	
Street and No: P.O. Box 7515	
P.O., State and ZIP Code: Midland, TX 79708	
Postage	$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, and Addressee's Address	
TOTAL Postage & Fees	$
Postmark or Date: 12-6-93	

Wingerd #13 - Injection

PS Form **3800**, June 1991

SENDER:

- Complete items 1 and/or 2 for additional services.
- Complete items 3, and 4a & b.
- Print your name and address on the reverse of this form so that we can return this card to you.
- Attach this form to the front of the mailpiece, or on the back if space does not permit.
- Write "Return Receipt Requested" on the mailpiece below the article number.
- The Return Receipt will show to whom the article was delivered and the date delivered.

I also wish to receive the following services (for an extra fee):

1. ☐ Addressee's Address
2. ☐ Restricted Delivery

Consult postmaster for fee.

3. Article Addressed to:

Dean Kinsolving
P.O. Box 325
Tatum, NM 88267

4a. Article Number
P 322 142 948

4b. Service Type
☐ Registered ☐ Insured
☒ Certified ☐ COD
☐ Express Mail ☐ Return Receipt for Merchandise

5. Signature (Addressee)

6. Signature (Agent)

7. Date of Delivery

8. Addressee's Address (Only if requested and fee is paid)

PS Form **3811**, December 1991 ★U.S. GPO: 1992—323-402 **DOMESTIC RETURN RECEIPT**

Is your RETURN ADDRESS completed on the reverse side?

Thank you for using Return Receipt Service.

P 322 142 948

Receipt for Certified Mail

No Insurance Coverage Provided
Do not use for International Mail
(See Reverse)

UNITED STATES POSTAL SERVICE

Sent to: Dean Kinsolving	
Street and No: P.O. Box 325	
P.O., State and ZIP Code: Tatum, NM 88267	
Postage	$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, and Addressee's Address	
TOTAL Postage & Fees	$
Postmark or Date: 12-6-93	
Wingerd #13 - Injection	

PS Form **3800**, June 1991

SENDER: Complete items 1 and 2 when additional services are desired, and complete items 3 and 4.

Put your address in the "RETURN TO" Space on the reverse side. Failure to do this will prevent this card from being returned to you. The return receipt fee will provide you the name of the person delivered to and the date of delivery. For additional fees the following services are available. Consult postmaster for fees and check box(es) for additional service(s) requested.

1. ☐ Show to whom delivered, date, and addressee's address. *(Extra charge)*
2. ☐ Restricted Delivery *(Extra charge)*

3. Article Addressed to:

Yates Petroleum Corporation
105 S. Fourth St.
Artesia, NM 88210

4. Article Number

P 322 142 939

Type of Service:

☐ Registered ☐ Insured
☒ Certified ☐ COD
☐ Express Mail ☐ Return Receipt for Merchandise

Always obtain signature of addressee or agent and DATE DELIVERED.

5. Signature — Addressee

X J. Cardenas

6. Signature — Agent

X

7. Date of Delivery

DEC 9 1993

8. Addressee's Address *(ONLY if requested and fee paid)*

PS Form **3811**, Apr. 1989 ★U.S.G.P.O. 1989-238-815 **DOMESTIC RETURN RECEIPT**

P 322 142 939

Receipt for Certified Mail

No Insurance Coverage Provided
Do not use for International Mail
(See Reverse)

UNITED STATES POSTAL SERVICE

Sent to: Yates Petroleum Corporation	
Street and No.: 105 S. Fourth St.	
P.O., State and ZIP Code: Artesia, NM 88210	
Postage	$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, and Addressee's Address	
TOTAL Postage & Fees	$
Postmark or Date: 12-6-93	

Wingerd #13 - Injection

PS Form **3800**, June 1991

STATE OF NEW MEXICO

ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION
HOBBS DISTRICT OFFICE

RECEIVED
'03 DEC 14 AM 9 03

12-10-03

BRUCE KING
GOVERNOR

POST OFFICE BOX 1980
HOBBS, NEW MEXICO 88241-1980
(505) 393-6161

SWD-545

OIL CONSERVATION DIVISION
P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

RE: Proposed:
MC
DHC
NSL
NSP
SWD X
WFX
PMX

Gentlemen:

I have examined the application for the:

Barbara Fasken — Winnard — #13-P — 24-12-37
Operator — Lease & Well No. — Unit — S-T-R

and my recommendations are as follows:

OK

Yours very truly,

Jerry Sexton
Supervisor, District 1

/ed