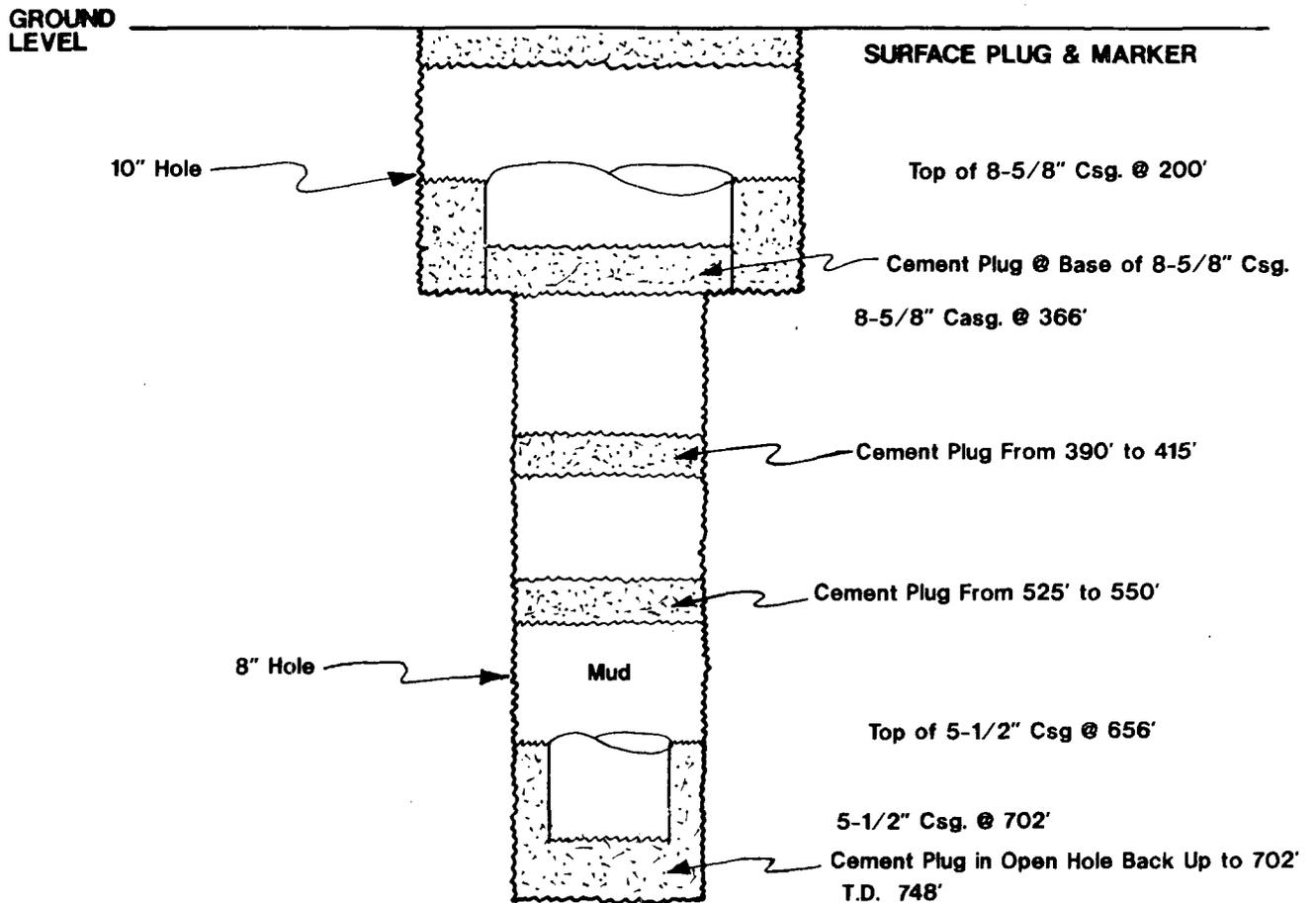


APPLICATION FOR AUTHORIZATION TO INJECT

EDDY COUNTY, NEW MEXICO

SCHEMATIC DIAGRAM P&A WELLS



OPERATOR : G.D. RIGGS

LEASE & WELL NO. : MAYFIELD NO. 1

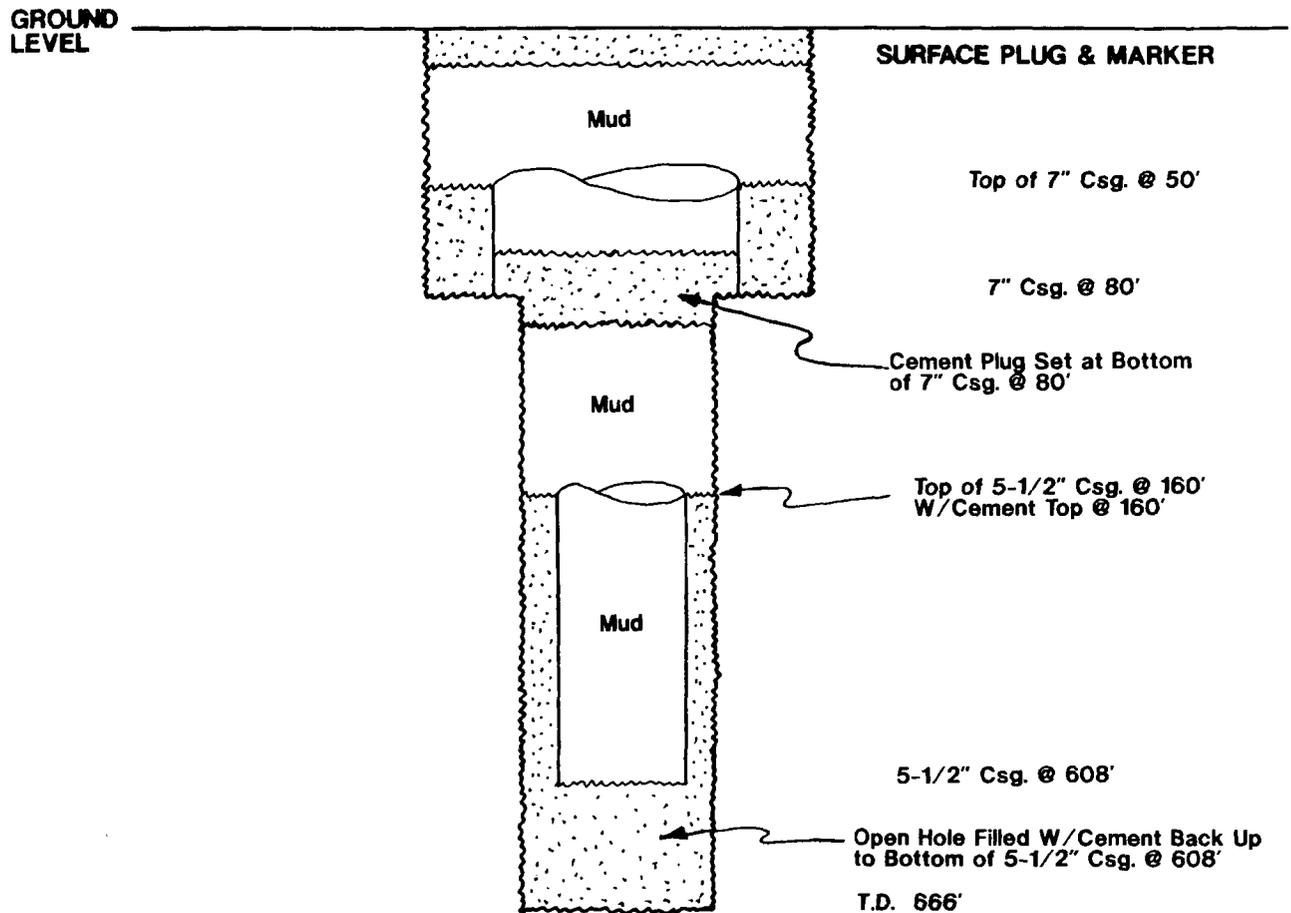
LOCATION : G - 33 - T20S - R28E

P&A DATE : 5-30-56

APPLICATION FOR AUTHORIZATION TO INJECT

EDDY COUNTY, NEW MEXICO

SCHEMATIC DIAGRAM P&A WELLS



OPERATOR : G.D. RIGGS

LEASE & WELL NO. : HUGHES FEDERAL NO. 2

LOCATION : M - 33 - T20S - R28E

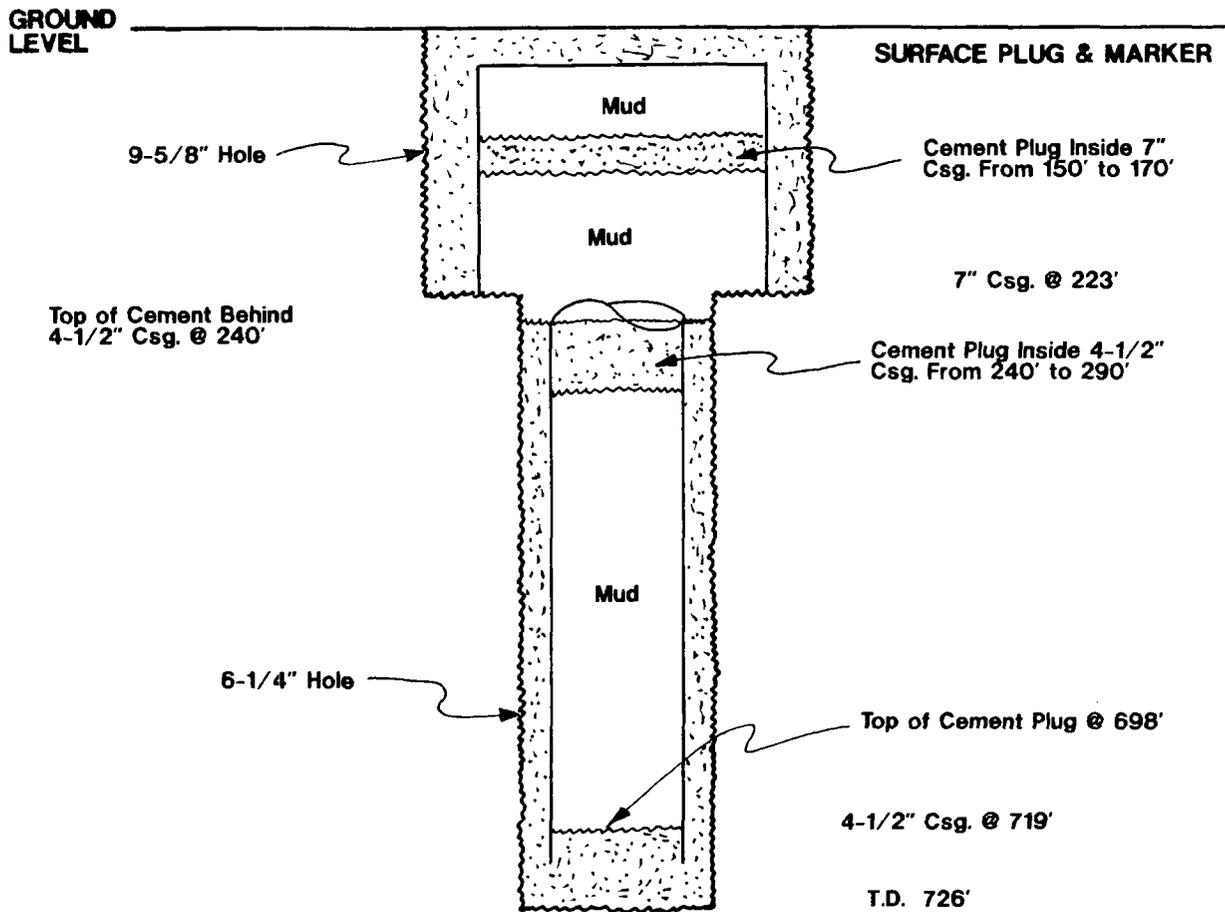
P&A DATE : 8-9-56

APPLICATION FOR AUTHORIZATION TO INJECT

~~SALADAR UNIT NO. 8~~

EDDY COUNTY, NEW MEXICO

SCHEMATIC DIAGRAM P&A WELLS



OPERATOR : N.S. SALSICH

LEASE & WELL NO. : MALCO NO. 1-X

LOCATION : E - 33 - T20S - R28E

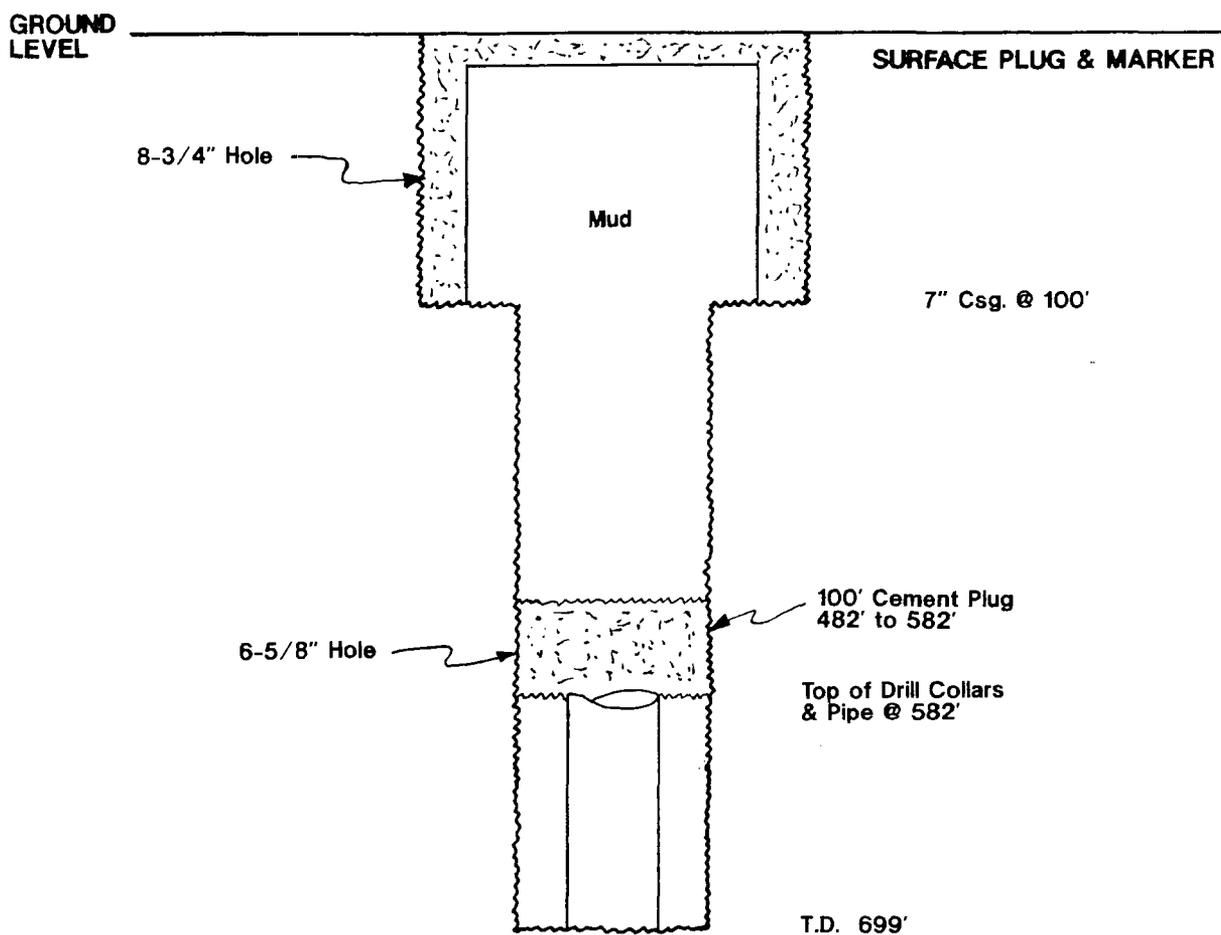
P&A DATE : 6-24-57

APR 1957

APPLICATION FOR AUTHORIZATION TO INJECT

**SALADAR UNIT
EDDY COUNTY, NEW MEXICO**

SCHEMATIC DIAGRAM P&A WELLS



OPERATOR : G.E. CONLEY

LEASE & WELL NO. : MAYFIELD NO. 1

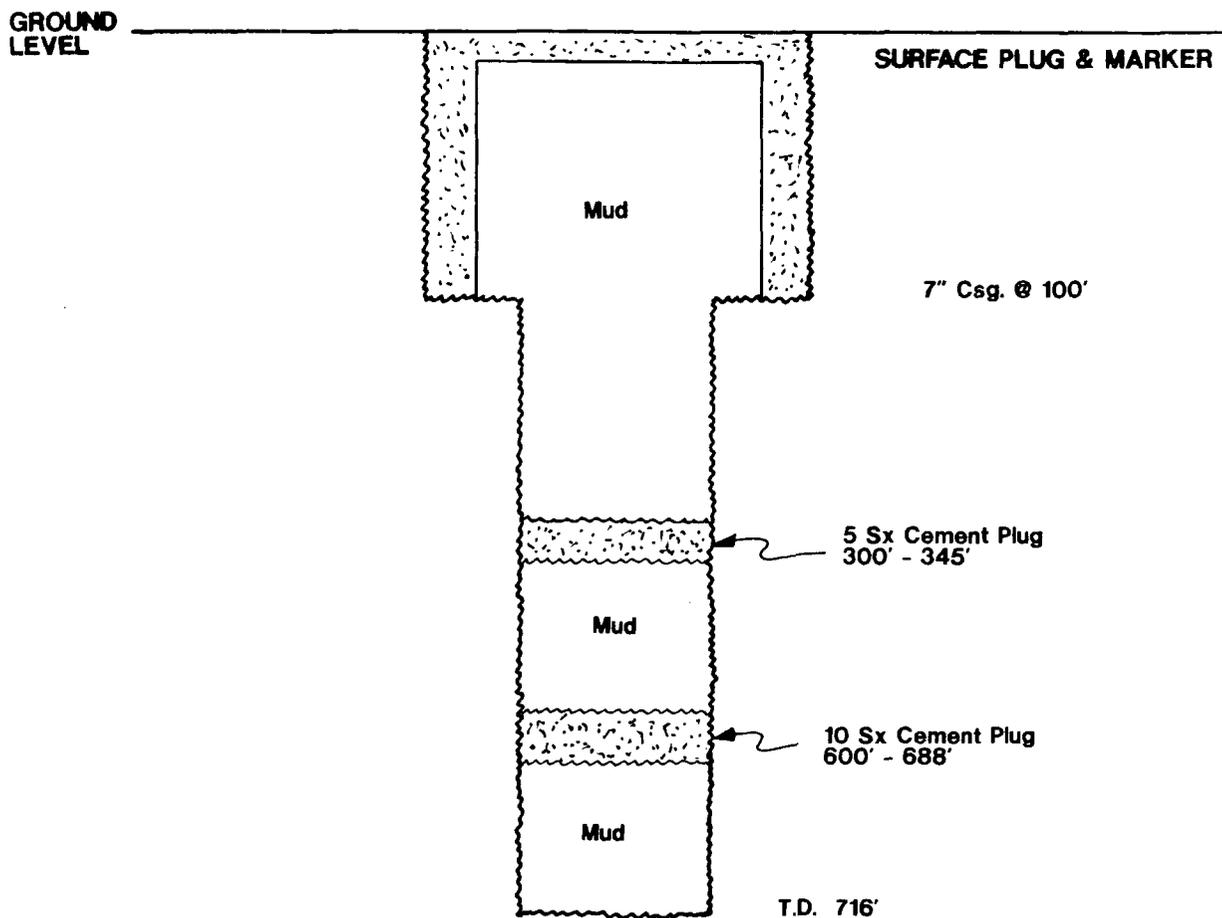
LOCATION : 0 - 33 - T20S - R28E

P&A DATE : 7-8-57

APPLICATION FOR AUTHORIZATION TO INJECT

EDDY COUNTY, NEW MEXICO

SCHEMATIC DIAGRAM P&A WELLS



OPERATOR : G.E. CONLEY

LEASE & WELL NO. : MAYFIELD NO. 1-X

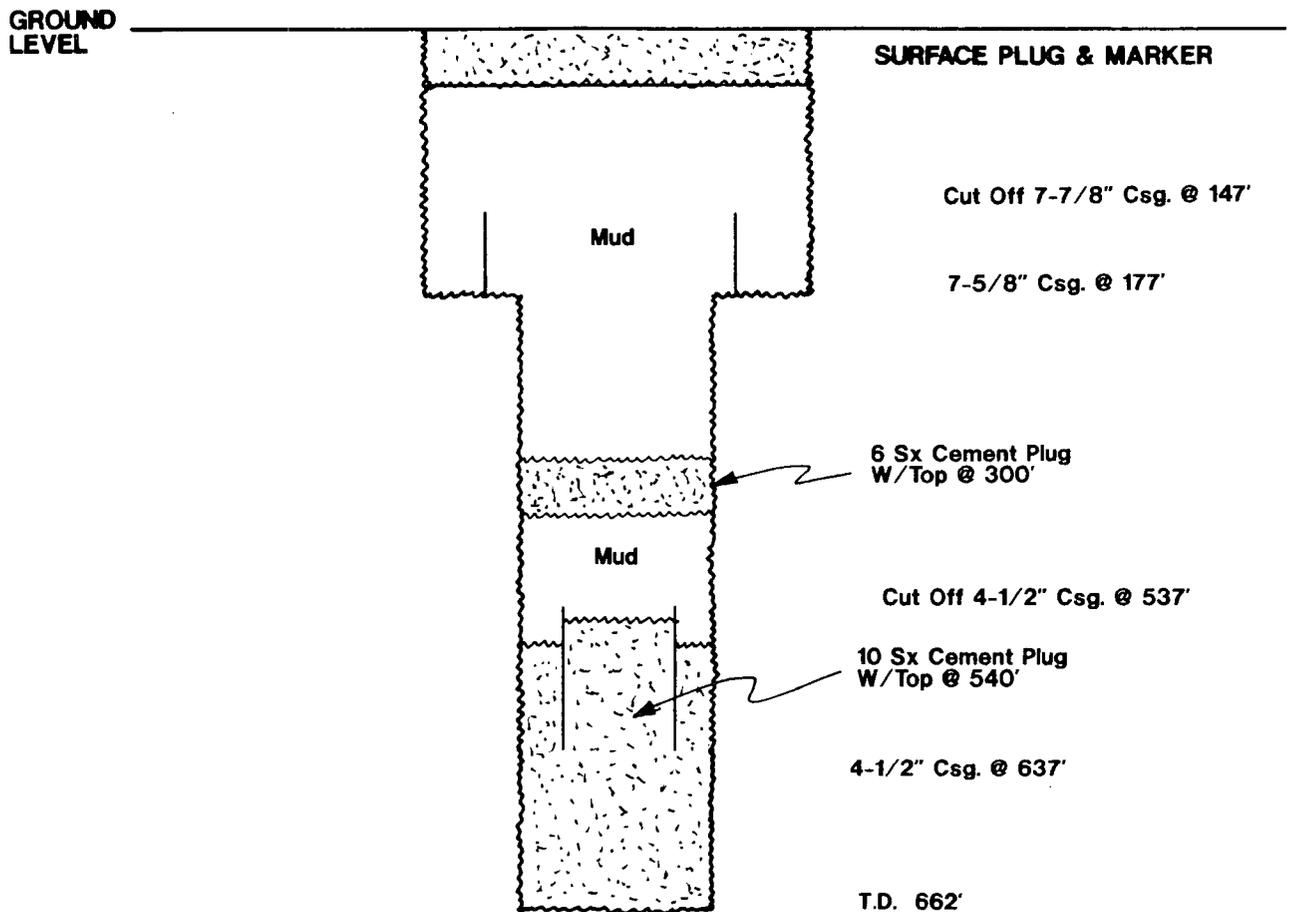
LOCATION : 0 - 33 - T20S - R28E

P&A DATE : 11-25-57

APPLICATION FOR AUTHORIZATION TO INJECT

EDDY COUNTY, NEW MEXICO

SCHEMATIC DIAGRAM P&A WELLS



OPERATOR : BASIC MATERIALS, INC.

LEASE & WELL NO. : MAYFIELD NO. 3

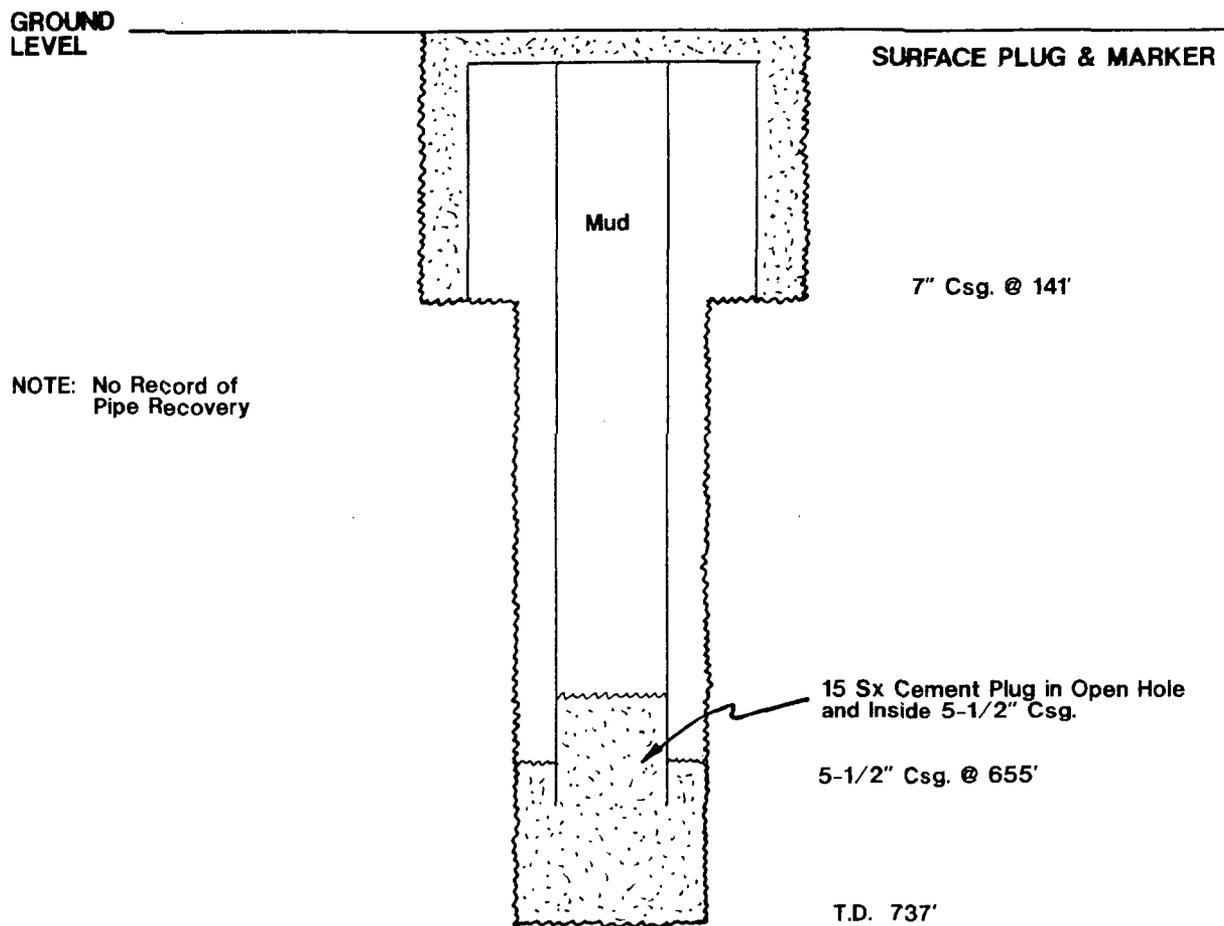
LOCATION : 0 - 33 - T20S - R28E

P&A DATE : 6-19-61

APPLICATION FOR AUTHORIZATION TO INJECT

EDDY COUNTY, NEW MEXICO

SCHEMATIC DIAGRAM P&A WELLS



OPERATOR : G.E. CONLEY

LEASE & WELL NO. : CONLEY NO. 1

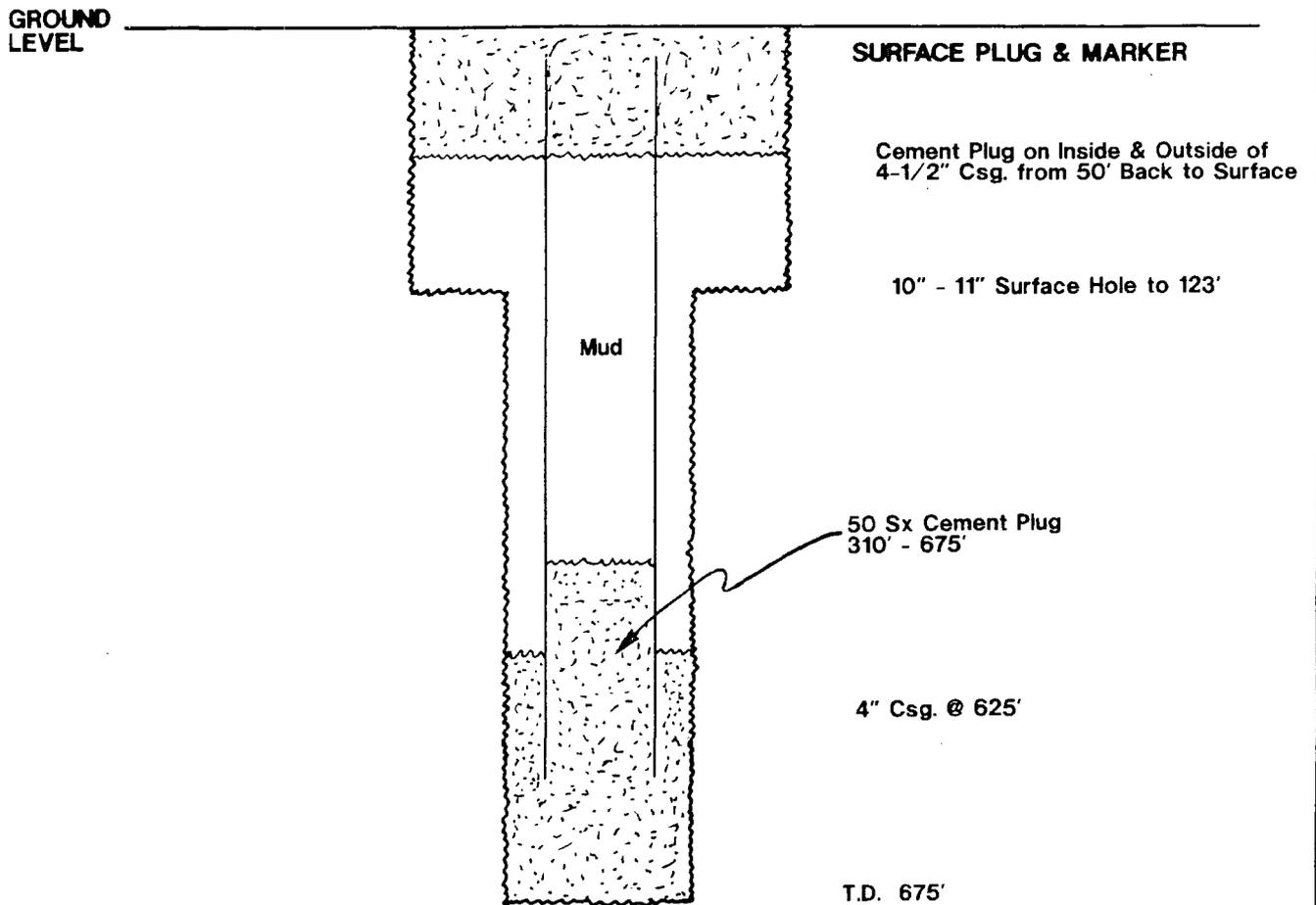
LOCATION : J - 33 - T20S - R28E

P&A DATE : 10-8-63

APPLICATION FOR AUTHORIZATION TO INJECT

EDDY COUNTY, NEW MEXICO

SCHEMATIC DIAGRAM P&A WELLS



OPERATOR : S&J OPERATING COMPANY

LEASE & WELL NO. : SALADAR UNIT NO. 9

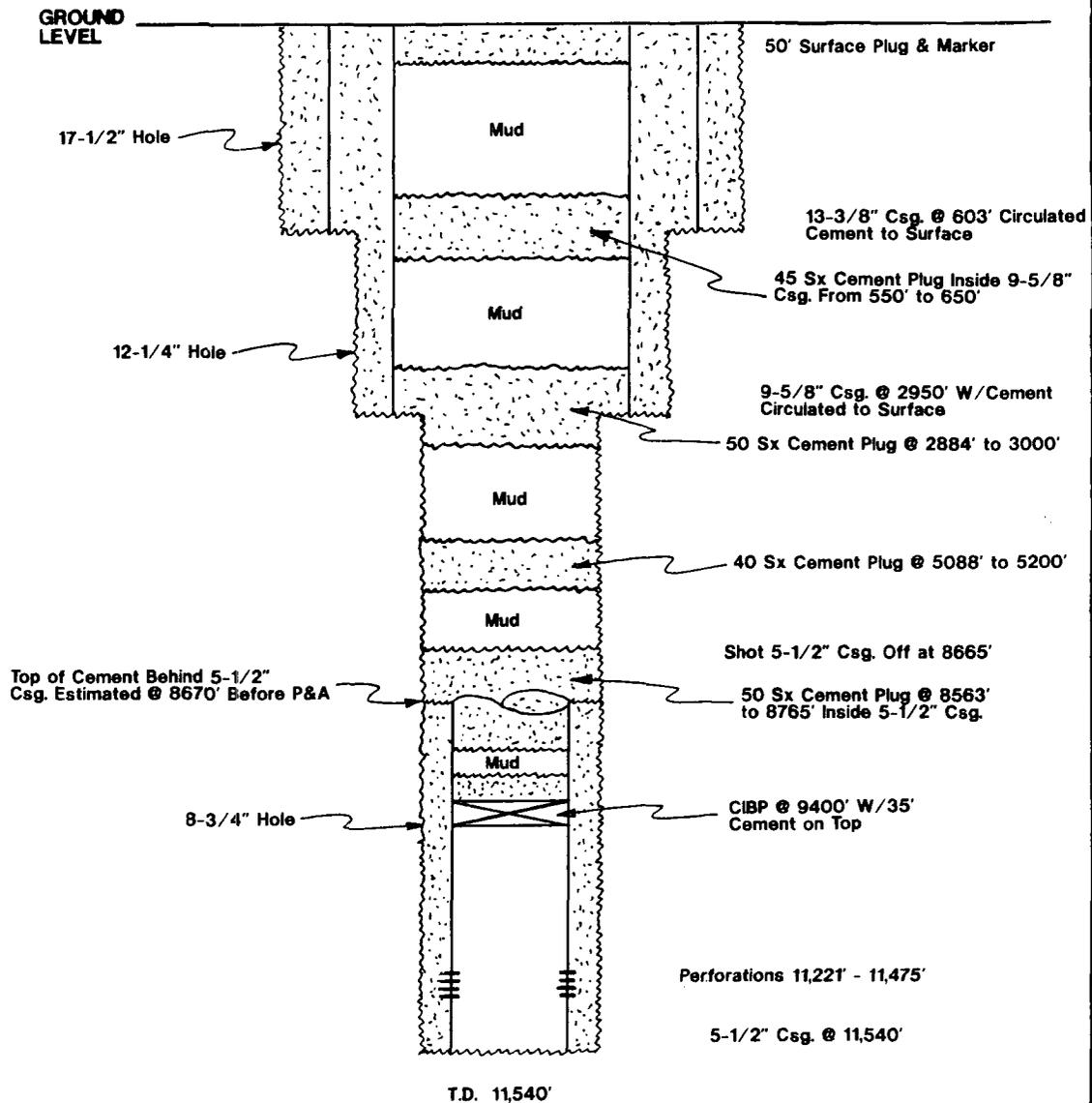
LOCATION : 0 -33 - T20S - R28E

P&A DATE : 4-18-90

APPLICATION FOR AUTHORIZATION TO INJECT

EDDY COUNTY, NEW MEXICO

SCHEMATIC DIAGRAM P&A WELLS

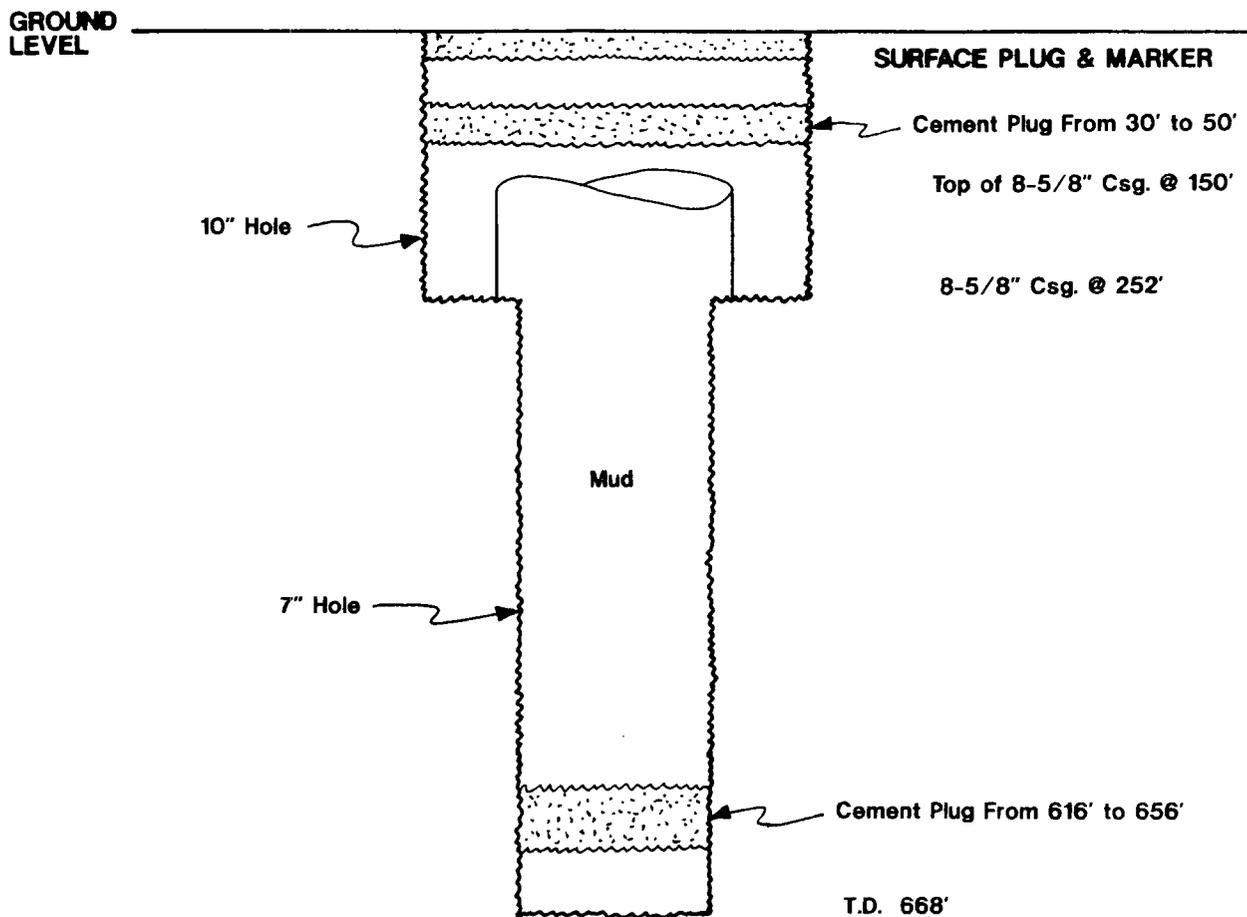


OPERATOR : BHP PETROLEUM USA, INC.
LEASE & WELL NO. : BURTON FLAT DEEP UNIT NO. 7
LOCATION : I - 33 - T20S - R28E
P&A DATE : 10-26-91

APPLICATION FOR AUTHORIZATION TO INJECT

EDDY COUNTY, NEW MEXICO

SCHEMATIC DIAGRAM P&A WELLS



OPERATOR : ROBERT L. BUNNEL
LEASE & WELL NO. : COONS NO. 1
LOCATION : A - 4 - T21S - R27E
P&A DATE : 5-15-56

JEHOVAH JIREH OIL COMPANY

L. Dennis Langlitz
1425 South Country Club Circle
Carlsbad, NM 88220
575-887-3245 575-361-8259

June 3, 2008

New Mexico Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, New Mexico 87505

Attn: Energy and Mineral Department

Re: Proof of Publication
Application for Authorization to Inject
Dennis Langlitz Operator
Saladar Unit Well No. 12
Section 33, T20S R28E
Eddy County, New Mexico

Gentlemen:

In conjunction with the above referenced Application for Authorization to Inject, please find attached the proof of publication required where an application is subject to administrative approval.

Should you have any questions, please do not hesitate to contact the undersigned.

Yours very truly,

DENNIS LANGLITZ OPERATOR


L. Dennis Langlitz

DL:pl

Affidavit of Publication

State of New Mexico,
County of Eddy, ss.

April Hernandez, being first duly sworn,
on oath says:

That she is HR Manager of the Carlsbad Current-Argus, a newspaper published daily at the City of Carlsbad, in said county of Eddy, state of New Mexico and of general paid circulation in said county; that the same is a duly qualified newspaper under the laws of the State wherein legal notices and advertisements may be published; that the printed notice attached hereto was published in the regular and entire edition of said newspaper and not in supplement thereof on the date as follows, to wit:

May 18 2008

That the cost of publication is \$ 43.11 that Payment Thereof has been made and will be assessed as court costs.

April Hernandez

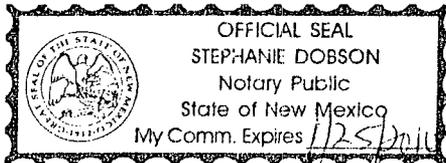
Subscribed and sworn to before me this

19th day of May, 2008

Stephanie Dobson

My commission Expires on 1/25/2010

Notary Public



Dennis Langlitz Operating Company has applied to the Oil Conservation of the State of New Mexico for a permit to reestablish the Saladar Yates Unit to Water Injection Service. This will be a secondary recovery project with water being injected into the Yates formation at a depth of 602 ft. to 700 ft. at an anticipated maximum injection rate of 300 barrels of water per day at a maximum injection pressure of 600 PSIG. The Saladar Unit is located in Units F, K, L, M, N, and O; Section 33, T20S, R28E, Eddy County New Mexico. Any questions concerning this matter should be directed to Dennis Langlitz, Dennis Langlitz Operating Company, 1425 South Country Club Circle, Carlsbad, New Mexico 88220. Phone No: 575-361-8259. Interested parties must file objections or request for hearing with the Oil Conservation Division, P.O. Box 2088, Santa Fe, New Mexico 87501 within 15 days of this notice.

JEHOVAH JIREH OIL COMPANY

L. Dennis Langlitz
1425 South Country Club Circle
Carlsbad, NM 88220
575-887-3245 575-361-8259

June 3, 2008

's

Attn: Mr. Will Jones
Energy and Mineral Dept.

Re: Application for Authorization to Inject
Dennis Langlitz Operator
Saladar Unit Well Nos. 2, 4, 6, 7, 8, 12
Section 33, T20S R28E
Eddy County, New Mexico

Dear Mr. Jones:

As of the date listed below and evidenced by the Certified Return Receipts, I have mailed copies of the Application for Authorization To Inject to the following:

1. Surface Owner: Bureau of Land Management
Carlsbad Resource Area Headquarters
P.O. Box 1778
Carlsbad, New Mexico 88220
2. Surface Lessee: Mr. Trent Nielson
P.O. Box 685
Carlsbad, NM 88220
3. Leasehold Operators Within One-half Mile of Well Location:

Devon Energy Corp. 20 N. Broadway, Suite 1500 Oklahoma City, OK 78102	CML Exploration LLC P.O. Box 890 Snyder, TX 79550
BPH Petroleum Co., Inc. 1360 Post Oak Blvd., Suite 500 Houston, TX 77056-3020	Mewbourne Oil Co. P.O. Box 5270 Hobbs, NM 88241

Cimerex Energy Co.
15 E. 5th Street, Suite 1000
Tulsa, OK 74103

Chesapeake Operating, Inc
P.O. Box 18496
Oklahoma City, OK 73154-0496

Exxon Mobil Corp.
P.O. Box 4358
Houston, TX 77210-1792
Attn: Dolores O. Howard,
Sr. Regulatory Spec.

Merit Energy Co.
13727 Noel Road, Suite 500
Dallas, TX 75240

Tom Brown, Inc.
P.O. Box 2608
Midland, TX 79702

Yates Petroleum Corp.
105 South 4th Street
Artesia, NM 88210


L. Dennis Langlitz
Owner/Operator
Jehovah-Jireh Oil Company

6 JUNE 08
Date

JEHOVAH JIREH OIL COMPANY

L. Dennis Langlitz
1425 South Country Club Circle
Carlsbad, NM 88220
575-887-3245 575-361-8259

June 3, 2008

Interested Parties

Re: Form C-108
Application for Authorization to Inject
Dennis Langlitz Operator
Saladar Unit Wells No. 12, 8, 7, 6, 4, 2
Section 33, T20S R28E
Eddy County, New Mexico

Gentlemen:

Please find enclosed Form C-108, Application for Authorization to Inject and accompanying data for Dennis Langlitz Operator's Saladar Unit Wells No. 12, 8, 7, 6, 4, 2 located in Section 33, T20S, R28E, Eddy County, New Mexico.

As required, we are notifying you either as a surface owner or a leasehold operator within one-half mile of the well locations.

Should you have any questions, please do not hesitate to contact the undersigned.

Yours very truly,

DENNIS LANGLITZ OPERATOR



L. Dennis Langlitz

DL:pl

7008 0150 0001 8863 6751

CERTIFIED MAIL RECEIPT
 (Domestic Mail Only, No Insurance Coverage Provided)

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

CARLSEAD, NM 88220

Postage	\$ 0.42
Certified Fee	\$ 2.70
Return Receipt Fee (Endorsement Required)	\$ 2.20
Restricted Delivery Fee (Endorsement Required)	\$ 0.00
Total Postage & Fees	\$ 5.32

0615
 CARLSEAD, NM
 Postmark Here
 JUN - 3 2008
 866-02238
 USPS

Sent To TRENT NIELSON

Street, Apt. No., or PO Box No.
 City, State, ZIP+4

PS Form 3800, August 2006 See Reverse for Instructions

7008 0150 0001 8863 6744

U.S. Postal Service
CERTIFIED MAIL RECEIPT
 (Domestic Mail Only, No Insurance Coverage Provided)

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

BEEVILLE, TX 78102

Postage	\$ 0.42
Certified Fee	\$ 2.70
Return Receipt Fee (Endorsement Required)	\$ 2.20
Restricted Delivery Fee (Endorsement Required)	\$ 0.00
Total Postage & Fees	\$ 5.32

0615
 CARLSEAD, NM
 Postmark Here
 JUN - 3 2008
 866-02238
 USPS

Sent To DEVON ENERGY

Street, Apt. No., or PO Box No.
 City, State, ZIP+4

PS Form 3800, August 2006 See Reverse for Instructions

7008 0150 0001 8863 6737

U.S. Postal Service
CERTIFIED MAIL RECEIPT
 (Domestic Mail Only, No Insurance Coverage Provided)

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

SNYDER, TX 79550

Postage	\$ 0.42
Certified Fee	\$ 2.70
Return Receipt Fee (Endorsement Required)	\$ 2.20
Restricted Delivery Fee (Endorsement Required)	\$ 0.00
Total Postage & Fees	\$ 5.32

0615
 CARLSEAD, NM
 Postmark Here
 JUN - 3 2008
 866-02238
 USPS

Sent To CHK

Street, Apt. No., or PO Box No.
 City, State, ZIP+4

PS Form 3800, August 2006 See Reverse for Instructions

7008 0150 0001 8863 6720

CERTIFIED MAIL RECEIPT
 (Domestic Mail Only, No Insurance Coverage Provided)
 For delivery information visit our website at www.usps.com

HOUSTON TX 77056 **OFFICIAL USE**

Postage	\$ 0.42	0615
Certified Fee	\$2.70	
Return Receipt Fee (Endorsement Required)	\$2.20	
Restricted Delivery Fee (Endorsement Required)	\$0.00	
Total Postage & Fees	\$ 5.32	06/03/2008

Sent To **BPH**
 Street, Apt. No., or PO Box No.
 City, State, ZIP+4

PS Form 3800, August 2006 See Reverse for Instructions

7008 0150 0001 8863 6713

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 88241 **OFFICIAL USE**

Postage	\$ 0.42	0615
Certified Fee	\$2.70	
Return Receipt Fee (Endorsement Required)	\$2.20	
Restricted Delivery Fee (Endorsement Required)	\$0.00	
Total Postage & Fees	\$ 5.32	06/03/2008

Sent To **MEWBOURNE**
 Street, Apt. No., or PO Box No.
 City, State, ZIP+4

PS Form 3800, August 2006 See Reverse for Instructions

7008 0150 0001 8863 6706

U.S. Postal Service
CERTIFIED MAIL RECEIPT
 (Domestic Mail Only, No Insurance Coverage Provided)
 For delivery information visit our website at www.usps.com

CARLSBAD NM 88220 **OFFICIAL USE**

Postage	\$ 0.42	0615
Certified Fee	\$2.70	
Return Receipt Fee (Endorsement Required)	\$2.20	
Restricted Delivery Fee (Endorsement Required)	\$0.00	
Total Postage & Fees	\$ 5.32	06/03/2008

Sent To **BLM**
 Street, Apt. No., or PO Box No.
 City, State, ZIP+4

PS Form 3800, August 2006 See Reverse for Instructions

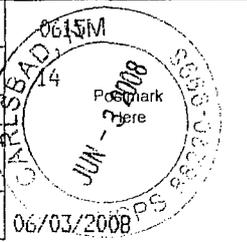
7008 0150 0001 8863 6690

CERTIFIED MAIL RECEIPT
(Domestic Mail Only; No Insurance Coverage Provided)

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

TULSA OK 74103 OFFICIAL USE

Postage	\$ 0.42
Certified Fee	\$ 2.70
Return Receipt Fee (Endorsement Required)	\$ 2.20
Restricted Delivery Fee (Endorsement Required)	\$ 0.00
Total Postage & Fees	\$ 5.32



Sent To **CHERRY**
 Street, Apt. No., or PO Box No.
 City, State, ZIP+4

PS Form 3800, August 2006 See Reverse for Instructions

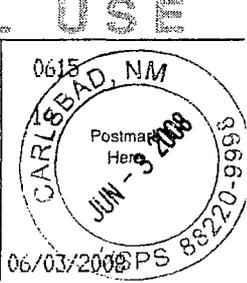
7008 0150 0001 8863 6683

U.S. Postal Service™
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For delivery information visit our website at www.usps.com

OKLAHOMA CITY OK 73154 OFFICIAL USE

Postage	\$ 0.42
Certified Fee	\$ 2.70
Return Receipt Fee (Endorsement Required)	\$ 2.20
Restricted Delivery Fee (Endorsement Required)	\$ 0.00
Total Postage & Fees	\$ 5.32



Sent To **CHESAPEAKE**
 Street, Apt. No., or PO Box No.
 City, State, ZIP+4

PS Form 3800, August 2006 See Reverse for Instructions

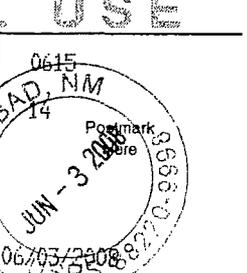
7008 0150 0001 8863 6676

U.S. Postal Service™
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For delivery information visit our website at www.usps.com

HOUSTON TX 77210 OFFICIAL USE

Postage	\$ 0.42
Certified Fee	\$ 2.70
Return Receipt Fee (Endorsement Required)	\$ 2.20
Restricted Delivery Fee (Endorsement Required)	\$ 0.00
Total Postage & Fees	\$ 5.32



Sent To **EXXON CORP**
 Street, Apt. No., or PO Box No.
 City, State, ZIP+4

PS Form 3800, August 2006 See Reverse for Instructions

7008 0150 0001 8863 6669

U.S. Postal Service™
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For delivery information visit our website at www.usps.com

DALLAS TX 75240 **OFFICIAL USE**

Postage	\$ 0.42	0615 14 Postmark Here SSAD, NM JUN 3 2008 JUN 03/2008
Certified Fee	\$2.70	
Return Receipt Fee (Endorsement Required)	\$2.20	
Restricted Delivery Fee (Endorsement Required)	\$0.00	
Total Postage & Fees	\$ 5.32	

Sent To HERIT ENERGY

Street, Apt. No., or PO Box No. _____

City, State, ZIP+4 _____

PS Form 3800, August 2006 See Reverse for Instructions

2599 0150 0001 8863 6652

U.S. Postal Service™
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For delivery information visit our website at www.usps.com

MIDLAND TX 79702 **OFFICIAL USE**

Postage	\$ 0.42	0615 14 Postmark Here SSAD, NM JUN 3 2008 JUN 03/2008
Certified Fee	\$2.70	
Return Receipt Fee (Endorsement Required)	\$2.20	
Restricted Delivery Fee (Endorsement Required)	\$0.00	
Total Postage & Fees	\$ 5.32	

Sent To Tom Brown

Street, Apt. No., or PO Box No. _____

City, State, ZIP+4 _____

PS Form 3800, August 2006 See Reverse for Instructions

7008 0150 0001 8863 6645

U.S. Postal Service™
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 (Domestic Mail Only; No Insurance Coverage Provided)

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

ARTESIA NM 88210 **OFFICIAL USE**

Postage	\$ 0.42	0615 14 Postmark Here SSAD, NM JUN 3 2008 JUN 03/2008
Certified Fee	\$2.70	
Return Receipt Fee (Endorsement Required)	\$2.20	
Restricted Delivery Fee (Endorsement Required)	\$0.00	
Total Postage & Fees	\$ 5.32	

Sent To YATES PERRO

Street, Apt. No., or PO Box No. _____

City, State, ZIP+4 _____

PS Form 3800, August 2006 See Reverse for Instructions

INJECTION WELL DATA SHEET

Side 1

OPERATOR: DENNIS LANGLITZ

WELL NAME & NUMBER: SALADAR #10 API 30 015 10365

WELL LOCATION: 330 ft FNL 1753 ft. FEL

SECTION 33 TOWNSHIP 20s RANGE 28E

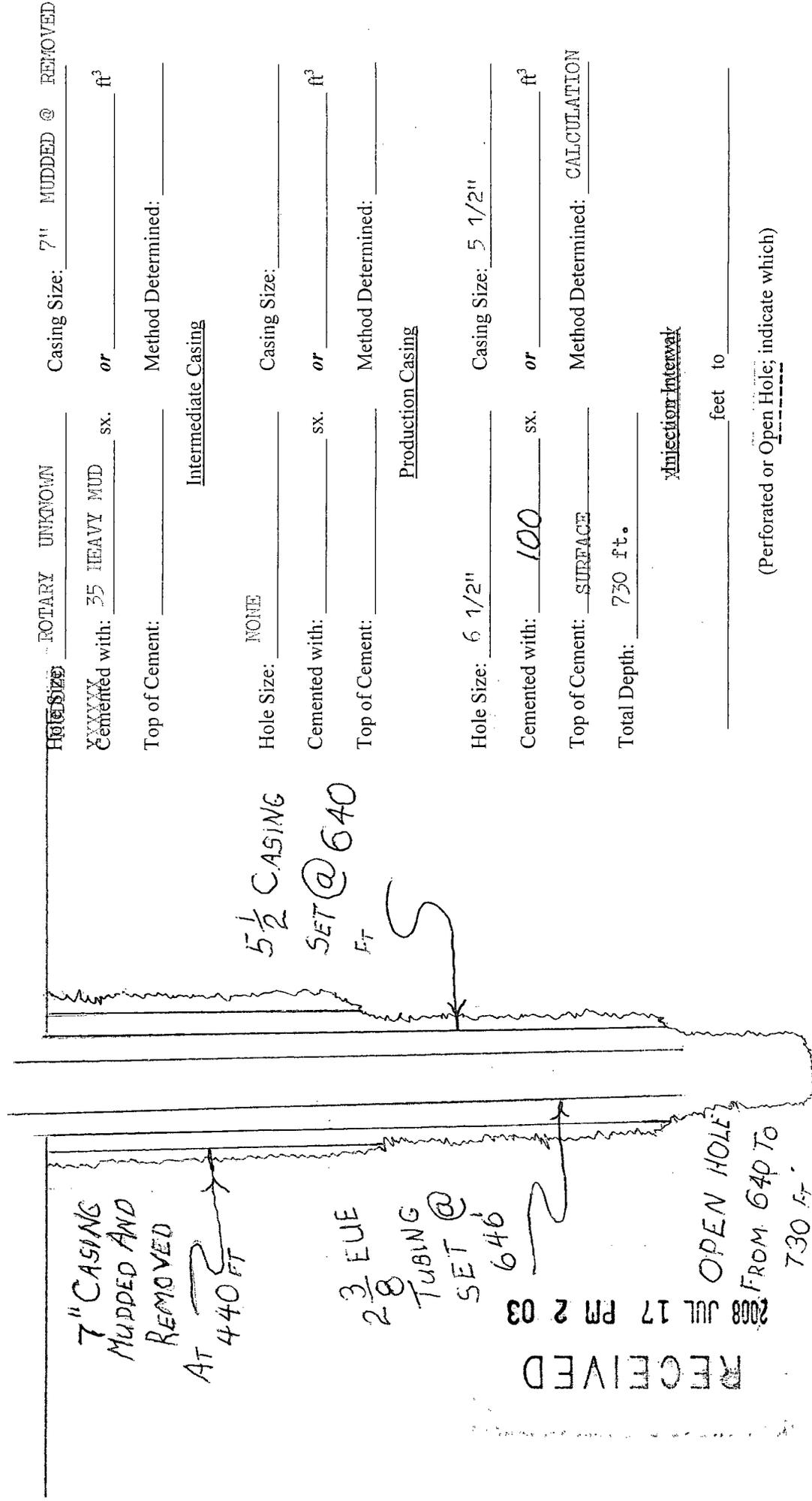
FOOTAGE LOCATION

UNIT LETTER

WELLBORE SCHEMATIC

WELL CONSTRUCTION DATA

Surface Casing



Rotary UNKNOWN Casing Size: 7" MUDDED @ REMOVED

Cemented with: 35 HEAVY MUD sx. or ft³

Top of Cement: Method Determined: Intermediate Casing

Hole Size: NONE Casing Size:

Cemented with: sx. or ft³

Top of Cement: Method Determined: Production Casing

Hole Size: 6 1/2" Casing Size: 5 1/2"

Cemented with: 100 sx. or ft³

Top of Cement: SURFACE Method Determined: CALCULATION

Total Depth: 730 ft.

~~Injection Interval~~

feet to

(Perforated or Open Hole; indicate which)

RECEIVED 2008 JUL 17 PM 2 03

7" CASING MUDDED AND REMOVED AT 440 FT

2 3/8 TUBING SET @ 646

5 1/2 CASING SET @ 640 FT

OPEN HOLE FROM 640 TO 730 FT

INJECTION WELL DATA SHEET

Side 1

OPERATOR: DENNIS LANGLITZ

WELL NAME & NUMBER: SALADAR #10 API 30 015 10365

WELL LOCATION: 330 ft FNL 1753 ft. FEL 0

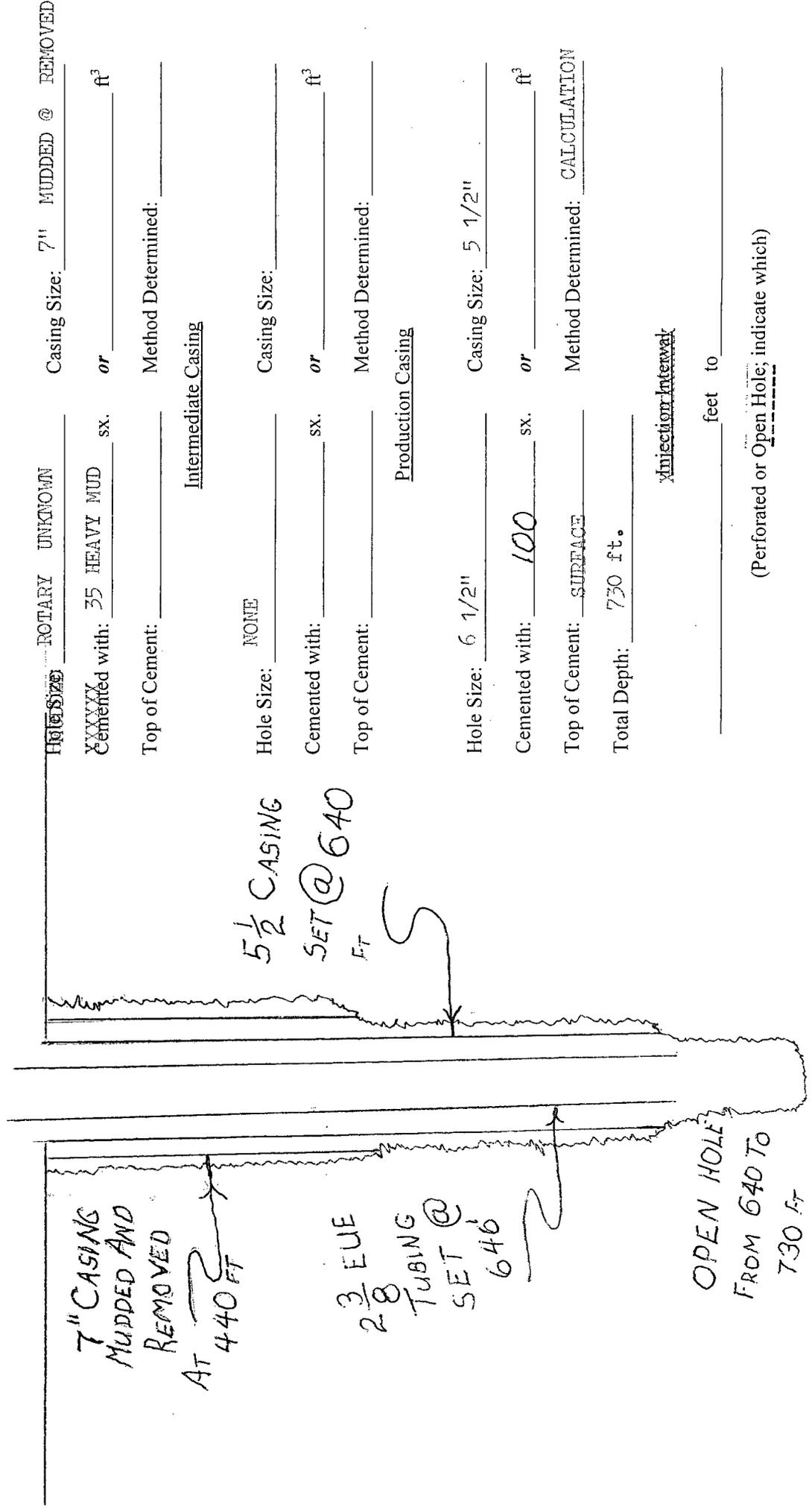
SECTION 33 TOWNSHIP 20s RANGE 28E

FOOTAGE LOCATION UNIT LETTER

WELLBORE SCHEMATIC

WELL CONSTRUCTION DATA

Surface Casing



Rotary Unknown Casing Size: 7" MUDDED @ REMOVED

Cemented with: 35 HEAVY MUD sx. or ft³

Top of Cement: Intermediate Casing Method Determined:

Hole Size: NONE Casing Size:

Cemented with: sx. or ft³

Top of Cement: Production Casing Method Determined:

Hole Size: 6 1/2" Casing Size: 5 1/2"

Cemented with: 100 sx. or ft³

Top of Cement: SURFACE Method Determined: CALCULATION

Total Depth: 730 ft.

Injection Interval

feet to

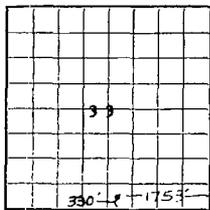
(Perforated or Open Hole; indicate which)

7" CASING MUDDED AND REMOVED AT 440 FT

2 3/8 EUE TUBING SET @ 646

5 1/2 CASING SET @ 640 FT

OPEN HOLE FROM 640 TO 730 FT



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Geo. R. Riggs operator Address Box 116, Carlsbad, N.M.
Lessor or Tract Thomas Mayfield Field Salador-Lates State New Mexico
Well No. A Sec. 33 T. 28R R. 28E Meridian N.M.P.M. County Eddy
Location 330 ft. N. of S. Line and 175 ft. W. of E. Line of Section 13 Elevation 3195
The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.
Signed Geo. R. Riggs
Date Sept. 22, 1964 Title Operator

The summary on this page is for the condition of the well at above date.
Commenced drilling June 9, 1964, 19... Finished drilling July 26, 1964, 19...

OIL OR GAS SANDS OR ZONES
(Denote gas by G)

No. 1, from 642 to 644 show. No. 4, from to
No. 2, from 650 to 652 show. No. 5, from to
No. 3, from to No. 6, from to

IMPORTANT WATER SANDS

No. 1, from to NONE 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-	
<u>7 1/2</u>	<u>17</u>	<u>10</u>	<u>used</u>	<u>441</u>	<u>REG</u>	<u>441</u>		<u>surface</u>

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>7 1/2</u>	<u>441</u>			<u>heavy</u>	<u>25 SBX</u>
<u>5 1/2</u>	<u>640</u>	<u>100</u>	<u>Section Cmtg. Co.</u>		

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

DATES

Put to producing Sept. 21, 1964, 19...
The production for the first 24 hours was 30 barrels of fluid of which 100 % was oil, 0 %
gas; 0 % water; and 0 % sediment. Gravity, °Bé. 35
If gas well, cu. ft. per 24 hours Gallons gasoline per 1,000 cu. ft. of gas
Rock pressure, lbs. per sq. in.

EMPLOYEES

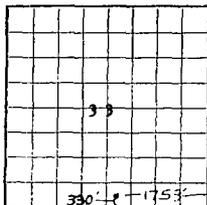
R. D. Rains, Driller A. H. Rains, Driller
Donald Rains, Driller

FORMATION RECORD

FROM-	TO-	TOTAL FEET	FORMATION
surface	78	78	surface sand and clay
78	275	197	red beds and red sand some gyp
275	383	108	red beds and gyp
383	436	53	salt some gyp and red clay
436	460	24	anhydrite
460	501	41	lime with few shale breaks
501	520	19	shale, red and gray with some anhydrite
520	548	28	lime, hard
548	576	28	anhydrite and lime
576	592	16	lime brown
592	597	5	white anhydrite
597	612	15	lime hard brown
612	624	12	anhydrite and shale, some gray lime
624	636	12	sand
636	638	2	lime
638	659	21	sand show oil 642-44, 650-52
659	664	5	lime
664	672	8	sand fine gray
672	680	8	lime gray
680	694	14	lime and sand
694	728	34	lime and sand
728	730	2	lime and sand

FOLD MARK

U. S. LAND OFFICE **New Mexico**
SERIAL NUMBER **LC 062254-A**
LEASE OR PERMIT TO PROSPECT **Lease**



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company **Geo. D. Riggs operator** Address **Box 116, Carlsbad, N.M.**
Lessor or Tract **Thomas Mayfield** Field **Salader-Lates** State **New Mexico**
Well No. **4** Sec. **33** T. **28N** R. **28E** Meridian **N.M.P.M.** County **Sddy**
Location **.330** ft. ^{W.} of S. Line and **1753** ft. ^{E.} of E. Line of Section **33** Elevation **3193**
The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.
Signed *Geo. D. Riggs*

Date **Sept. 22, 1964** Title **Operator**
The summary on this page is for the condition of the well at above date.

Commenced drilling **June 9, 1964**, 19... Finished drilling **July 28, 1964**, 19...

OIL OR GAS SANDS OR ZONES
(Denote gas by G)

No. 1, from **642** to **644** show No. 4, from ... to ...
No. 2, from **550** to **552** show No. 5, from ... to ...
No. 3, from ... to ... No. 6, from ... to ...

IMPORTANT WATER SANDS

No. 1, from ... to **NONE** 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-	
7"	17	10	used	441	reg	441			surface

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
7"	441			heavy	25 bbl
5 1/2"	640	100	Centon Catg. Co.		

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
	Fractured by Donnell with 230 bbl of lease oil and 11,000 lbs of 2-40 sand in open hole from 640 to 660 Sept. 5 1964					

TOOLS USED

Rotary tools were used from **surface** feet to **730** feet, and from ... feet to ... feet
Cable tools were used from ... feet to ... feet, and from ... feet to ... feet

DATES

Sept. 23 1964 19... Put to producing Sept. 21 1964 19...
The production for the first 24 hours was **30** barrels of fluid of which **100%** was oil, **0%** gas, and **0%** sediment. Gravity, °Bé. **15**
If gas well, cu. ft. per 24 hours ... Gallons gasoline per 1,000 cu. ft. of gas ...
Rock pressure, lbs. per sq. in. ...

EMPLOYEES

R. D. Hains Driller **A. H. Hains** Driller
Donald Hains Driller

FORMATION RECORD

FROM-	TO-	TOTAL FEET	FORMATION
surface	78	78	surface sand and clay
78	275	197	red beds and red sand some gyp
275	383	108	red beds and gyp
383	436	53	salt some gyp and red clay
436	460	24	anhydrite
460	501	41	lime with few shale breaks
501	520	19	shale, red and gray with some anhydrite
520	548	28	lime, hard
548	576	28	anhydrite and lime
576	592	16	lime brown
592	597	5	white anhydrite
597	612	15	lime hard brown
612	624	12	anhydrite and shale, some gray lime
624	636	12	sand
636	638	2	lime
638	659	21	sand show oil 642-44, 650-52
659	664	5	lime
664	672	8	sand fine gray
672	680	8	lime gray
680	694	14	lime and sand
694	728	34	sand
728	730	2	lime

TOWNSHIP 20 SOUTH - RANGE 28 EAST N. M. P. M.

33

SALSICH

MALCO

MAYFIELD FEDERAL

MALCO FEE LEASE

RIGGS HUGHES FLD LEASE

SALADAR UNIT

CONLEY FEDERAL

CONLEY (MAYFIELD)

BASIC MAT. (MAYFIELD) MAYFIELD FED. LEASE

P&A GAS WELL BHP

BUNNEL COONS

BUNNEL COONS

R.S. LIGHT WILLS FED.

LEGEND

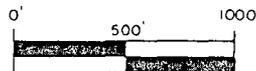
- PRODUCING WELL
- ⊙ PLUGGED AND ABANDONED WELL
- DRY HOLE
- ⊛ GAS WELL
- △ INJECTION WELL

S&J OPERATING COMPANY

SALADAR UNIT

SALADAR-YATES FIELD
EDDY COUNTY, NEW MEXICO

SCALE



TOWNSHIP 20 SOUTH - RANGE 28 EAST

N. M. P. M.

SALSICH

33

1-X

1 RIGGS

MALCO

MAYFIELD FEDERAL

MALCO

MALCO FEE LEASE

7 BHP
P&A GAS WELL

RIGGS
HUGHES
FED
LEASE

CONLEY FEDERAL

CONLEY (MAYFIELD)

BASIC MAT.
3 (MAYFIELD)

MAYFIELD
FED. LEASE

SALADAR UNIT

BUNNEL
COONS

BUNNEL
COONS

R.S. LIGHT
WILLS FED.

LEGEND

S&J OPERATING COMPANY

SCALE



- PRODUCING WELL
- ✱ PLUGGED AND ABANDONED WELL
- ✱ DRY HOLE
- ✱ GAS WELL
- ▲ INJECTION WELL

SALADAR UNIT

SALADAR-YATES FIELD

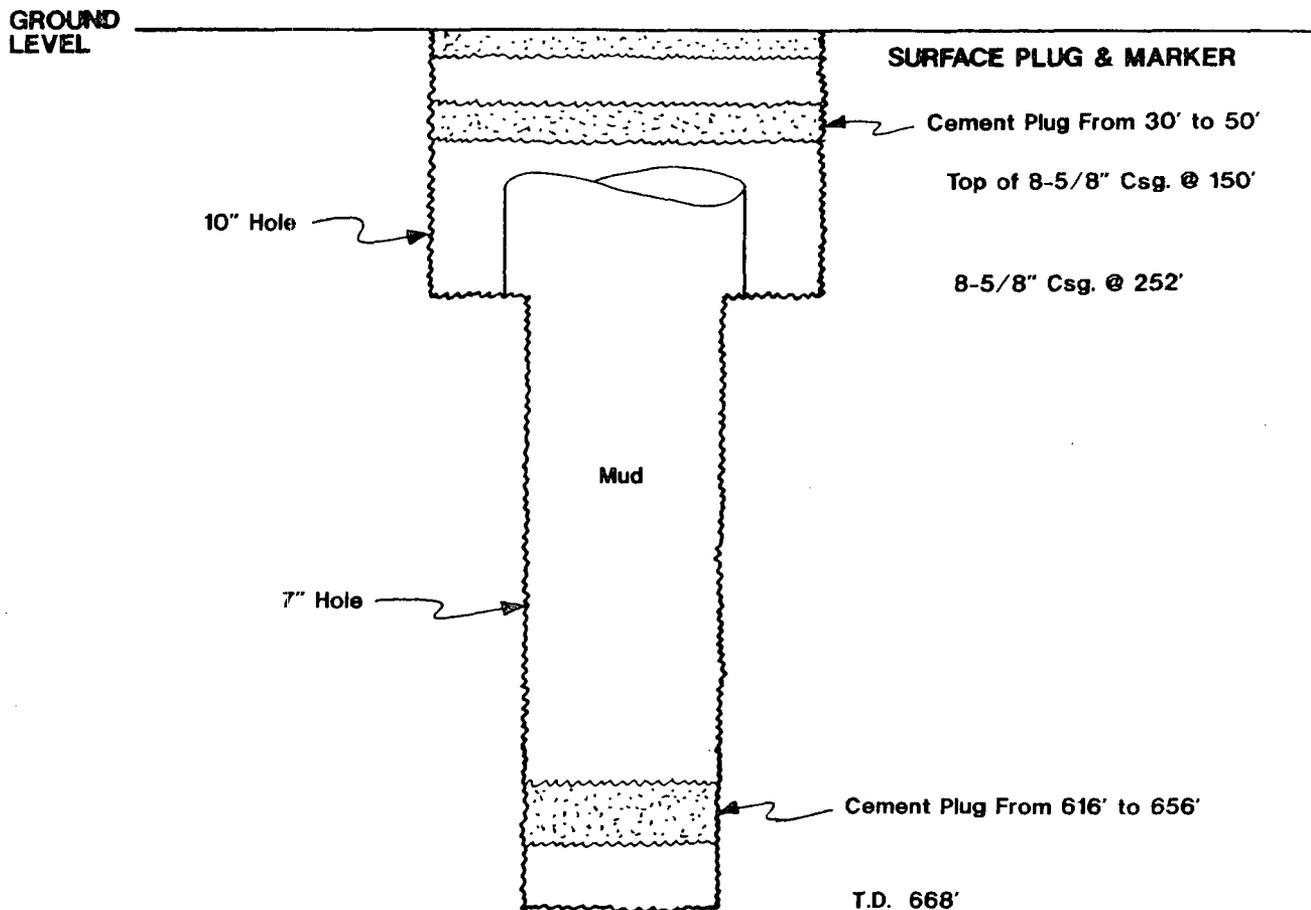
EDDY COUNTY, NEW MEXICO



APPLICATION FOR AUTHORIZATION TO INJECT

EDDY COUNTY, NEW MEXICO

SCHEMATIC DIAGRAM P&A WELLS



OPERATOR : ROBERT L. BUNNEL

LEASE & WELL NO. : COONS NO. 1

LOCATION : A - 4 - T21S - R27E

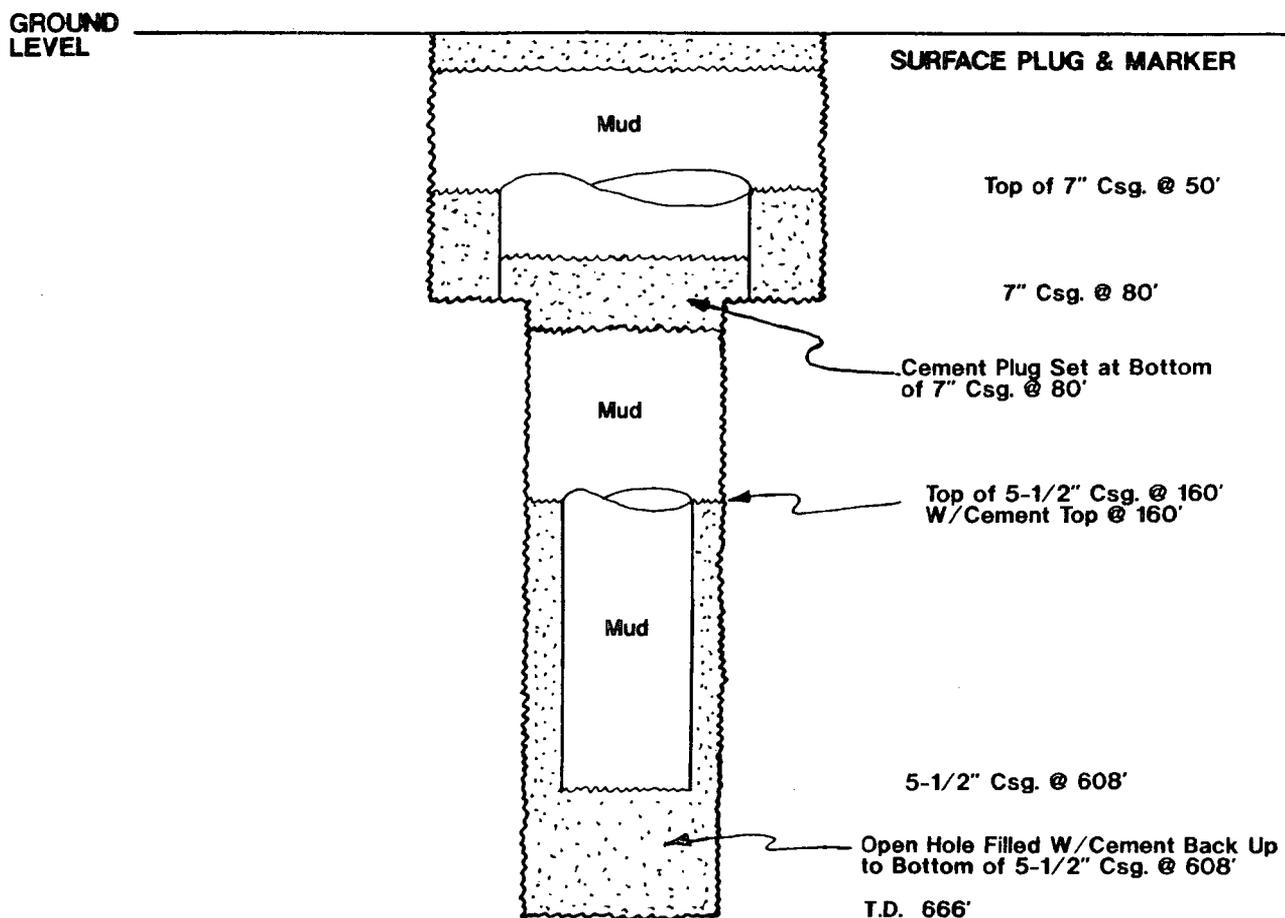
P&A DATE : 5-15-56

API 30 015 01063

APPLICATION FOR AUTHORIZATION TO INJECT

EDDY COUNTY, NEW MEXICO

SCHEMATIC DIAGRAM P&A WELLS



OPERATOR : G.D. RIGGS

LEASE & WELL NO. : HUGHES FEDERAL NO. 2

LOCATION : M - 33 - T20S - R28E

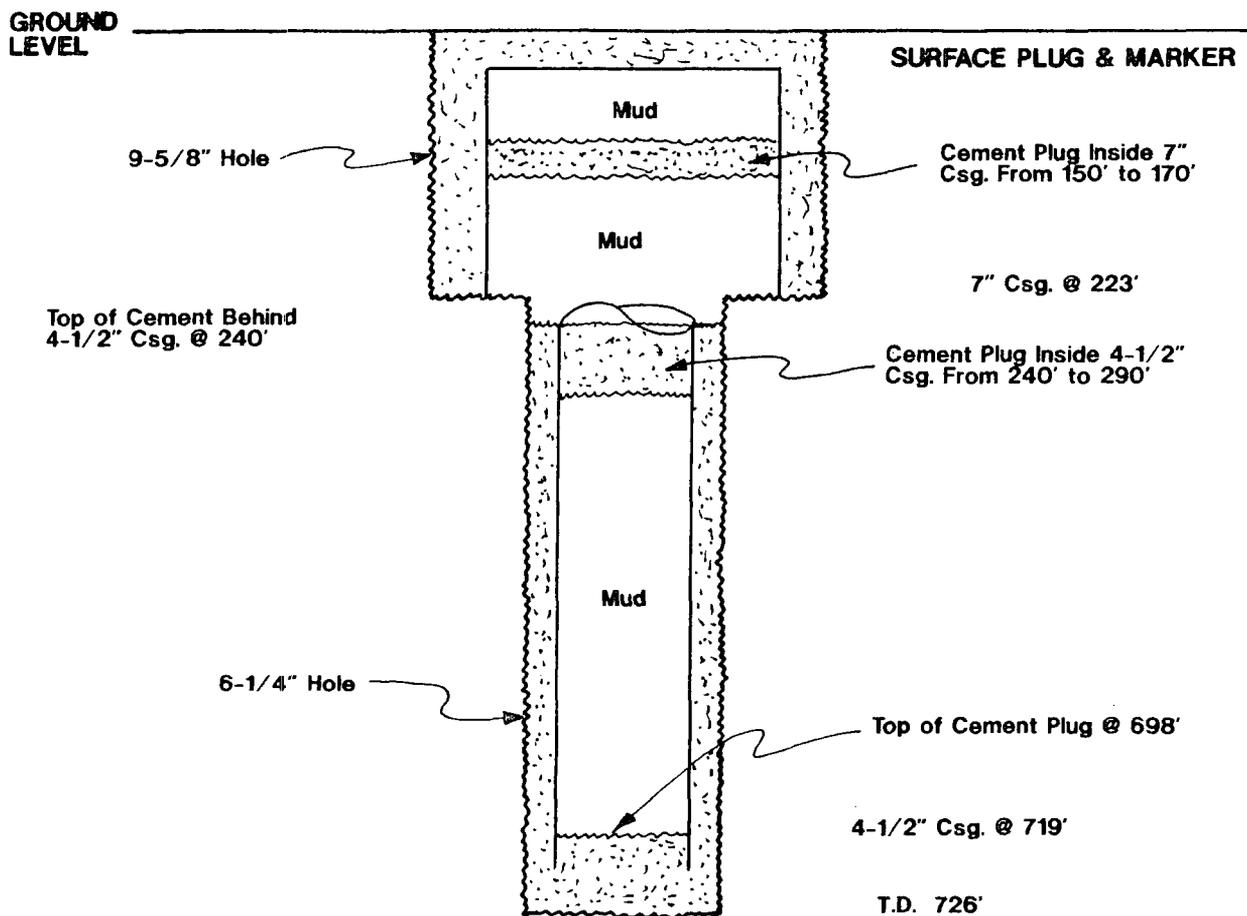
P&A DATE : 8-9-56

API 30 015 02445

APPLICATION FOR AUTHORIZATION TO INJECT

**SALADAR UNIT NO. 8
EDDY COUNTY, NEW MEXICO**

SCHEMATIC DIAGRAM P&A WELLS



OPERATOR : N.S. SALSICH

LEASE & WELL NO. : MALCO NO. 1-X

LOCATION : E - 33 - T20S - R28E

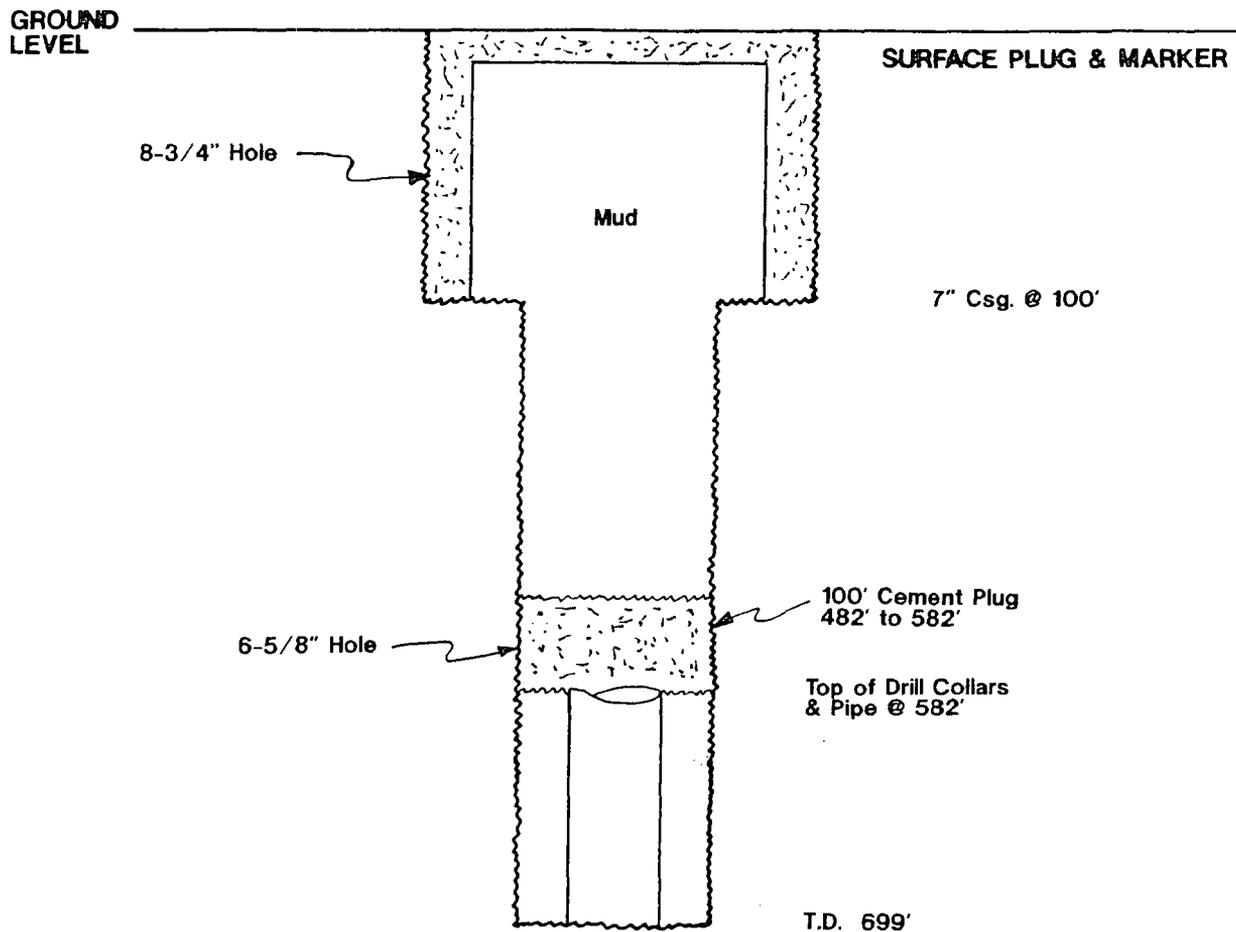
P&A DATE : 6-24-57

API 30 015 02453

APPLICATION FOR AUTHORIZATION TO INJECT

**SALADAR UNIT
EDDY COUNTY, NEW MEXICO**

SCHEMATIC DIAGRAM P&A WELLS



OPERATOR : G.E. CONLEY

LEASE & WELL NO. : MAYFIELD NO. 1

LOCATION : 0 - 33 - T20S - R28E

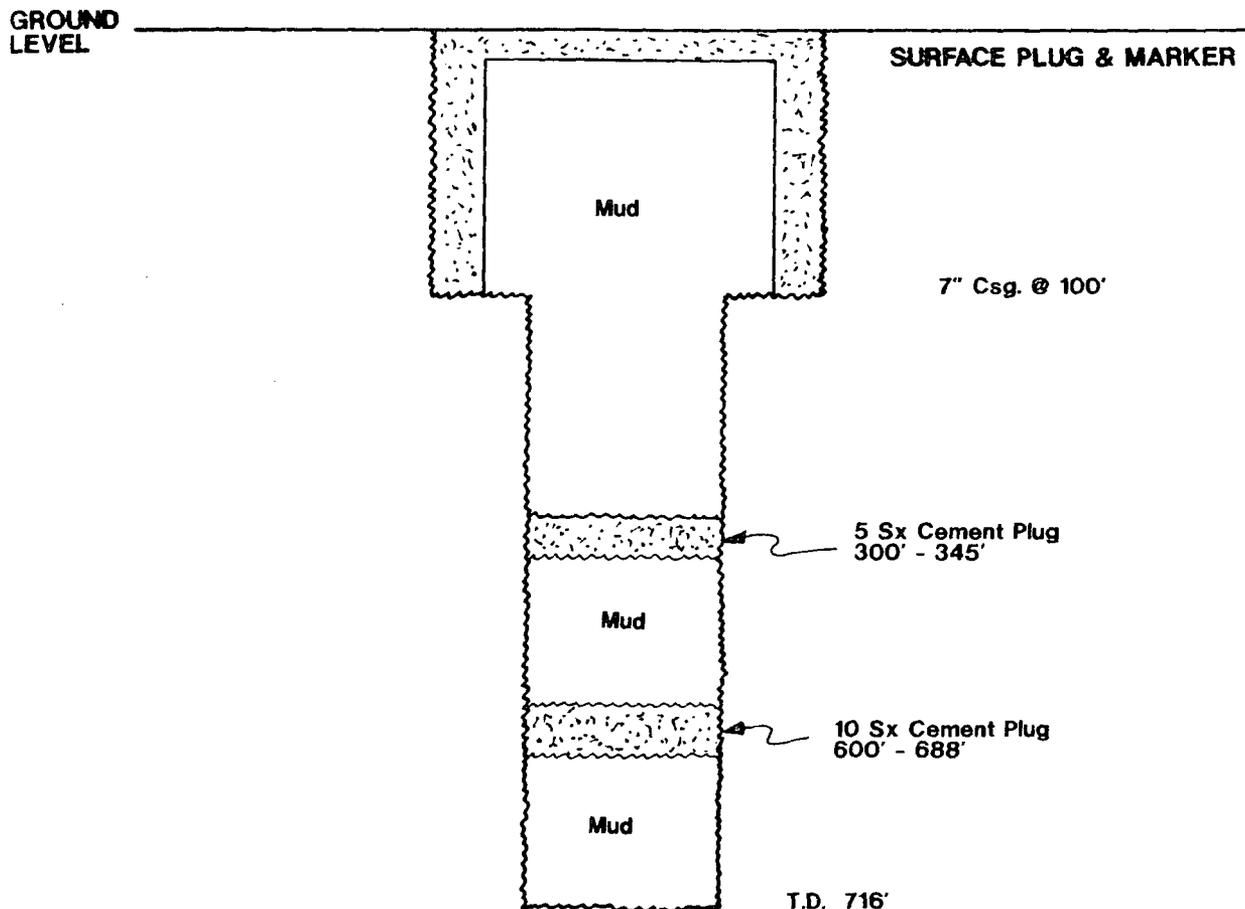
P&A DATE : 7-8-57

API 30 150 02441

APPLICATION FOR AUTHORIZATION TO INJECT

EDDY COUNTY, NEW MEXICO

SCHEMATIC DIAGRAM P&A WELLS



OPERATOR : G.E. CONLEY

LEASE & WELL NO. : MAYFIELD NO. 1-X

LOCATION : 0 - 33 - T20S - R28E

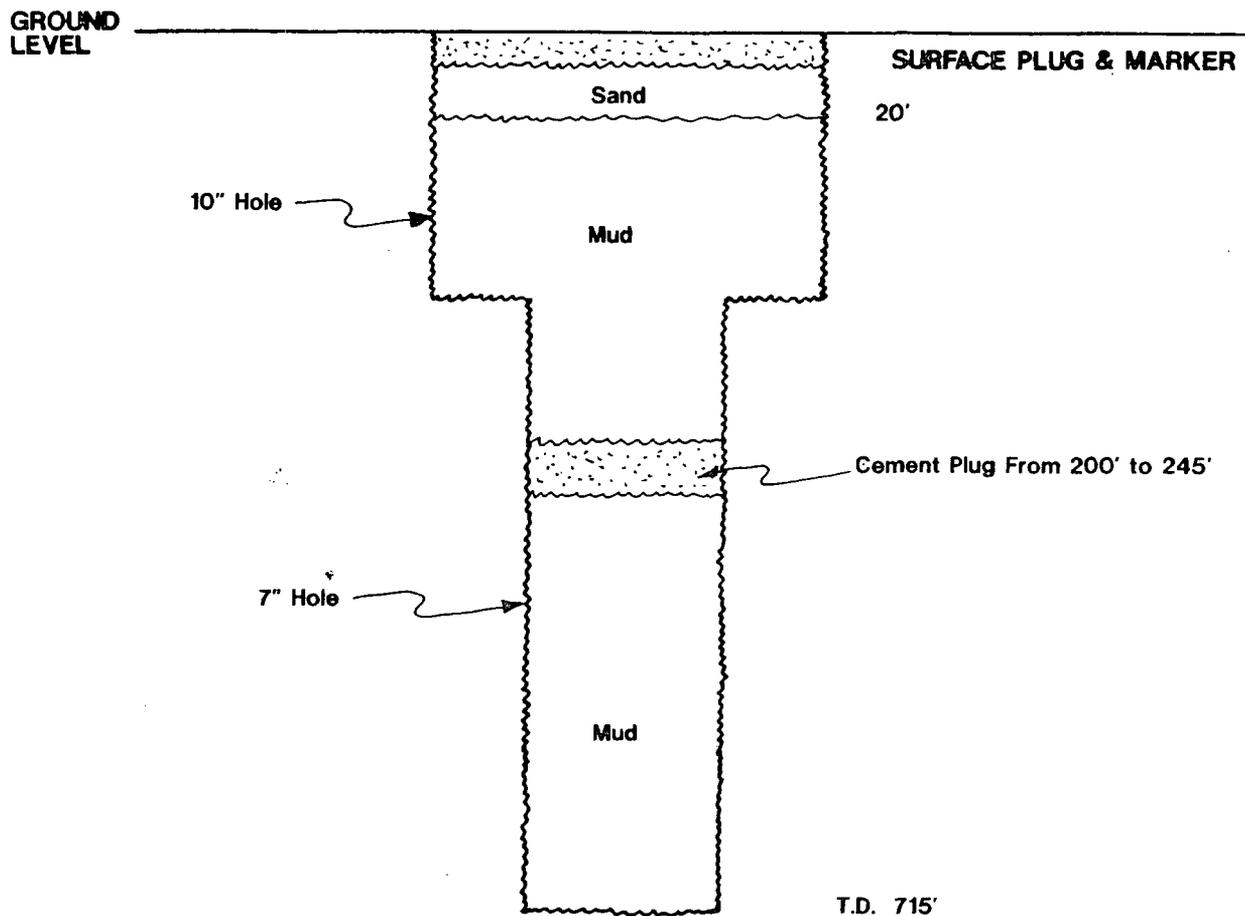
P&A DATE : 11-25-57

API 30 015 02442

APPLICATION FOR AUTHORIZATION TO INJECT

EDDY COUNTY, NEW MEXICO

SCHEMATIC DIAGRAM P&A WELLS



OPERATOR : R.L. BUNNEL

LEASE & WELL NO. : COONS NO. 2

LOCATION : C - 3 - T21S - R27E

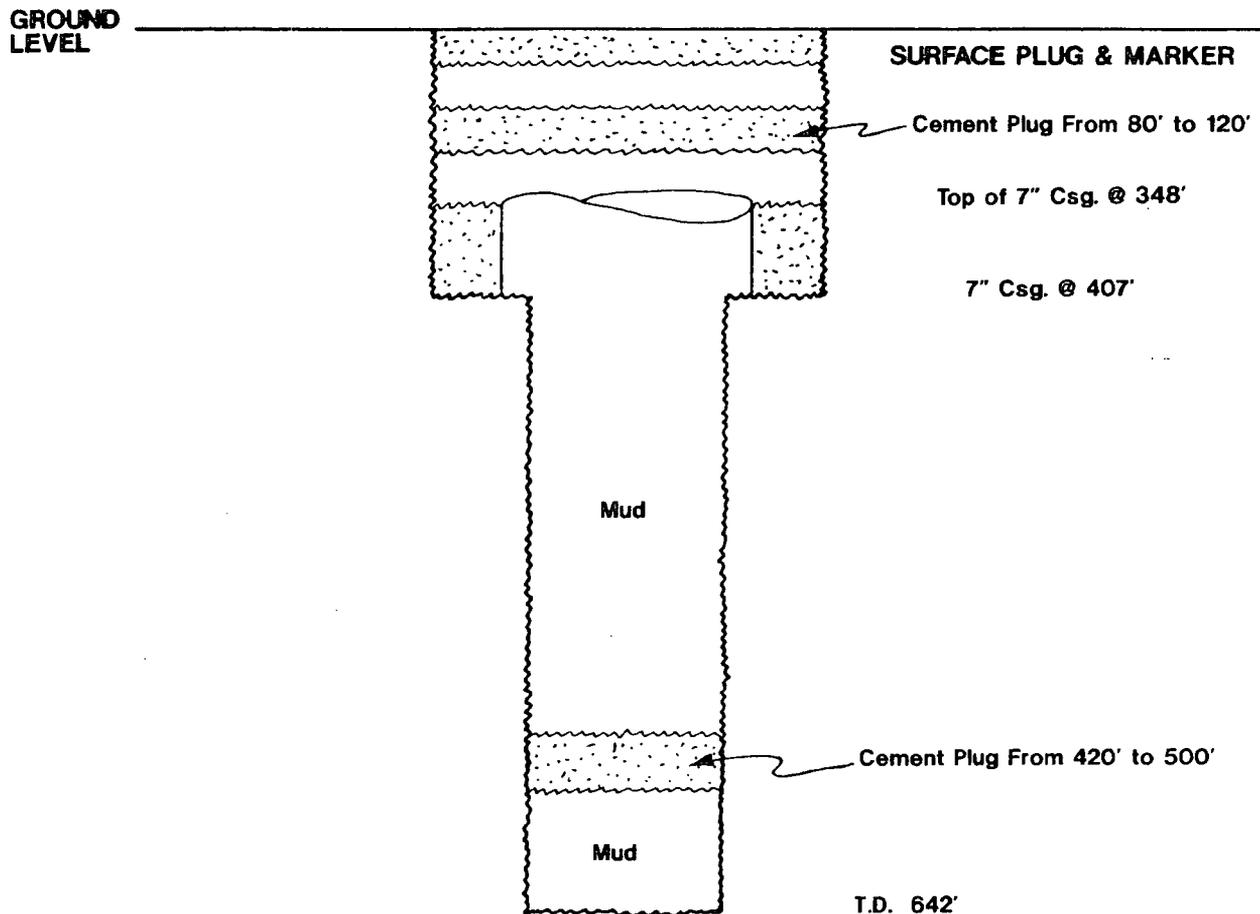
P&A DATE : 5-23-58

API 30 015 01060

APPLICATION FOR AUTHORIZATION TO INJECT

EDDY COUNTY, NEW MEXICO

SCHEMATIC DIAGRAM P&A WELLS



OPERATOR : R.S. LIGHT

LEASE & WELL NO. : WILLS FEDERAL NO. 1

LOCATION : B - 3 - T21S - R27E

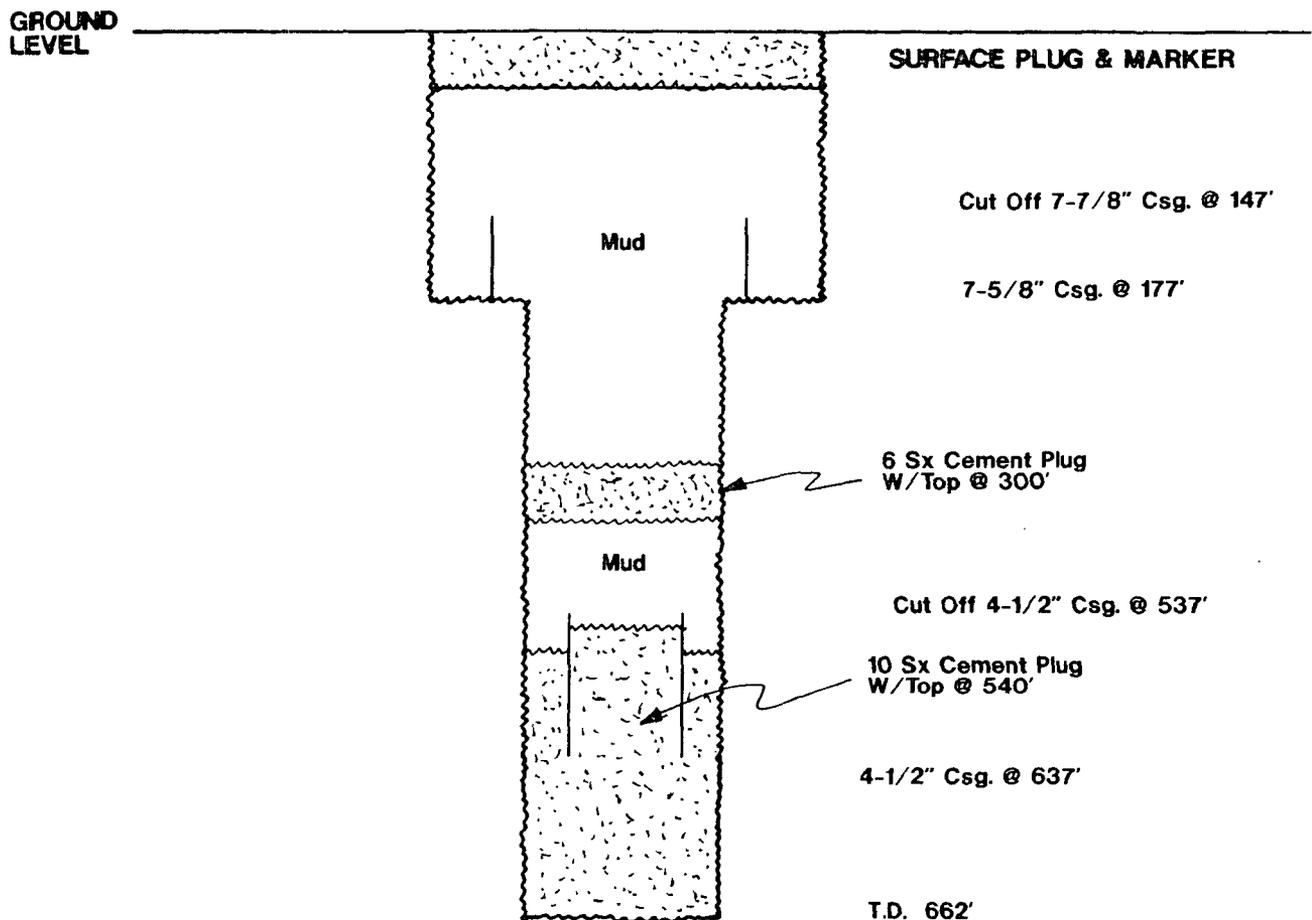
P&A DATE : 12-20-60

API 30 015 01061

APPLICATION FOR AUTHORIZATION TO INJECT

EDDY COUNTY, NEW MEXICO

SCHEMATIC DIAGRAM P&A WELLS



OPERATOR : BASIC MATERIALS, INC.

LEASE & WELL NO. : MAYFIELD NO. 3

LOCATION : 0 - 33 - T20S - R28E

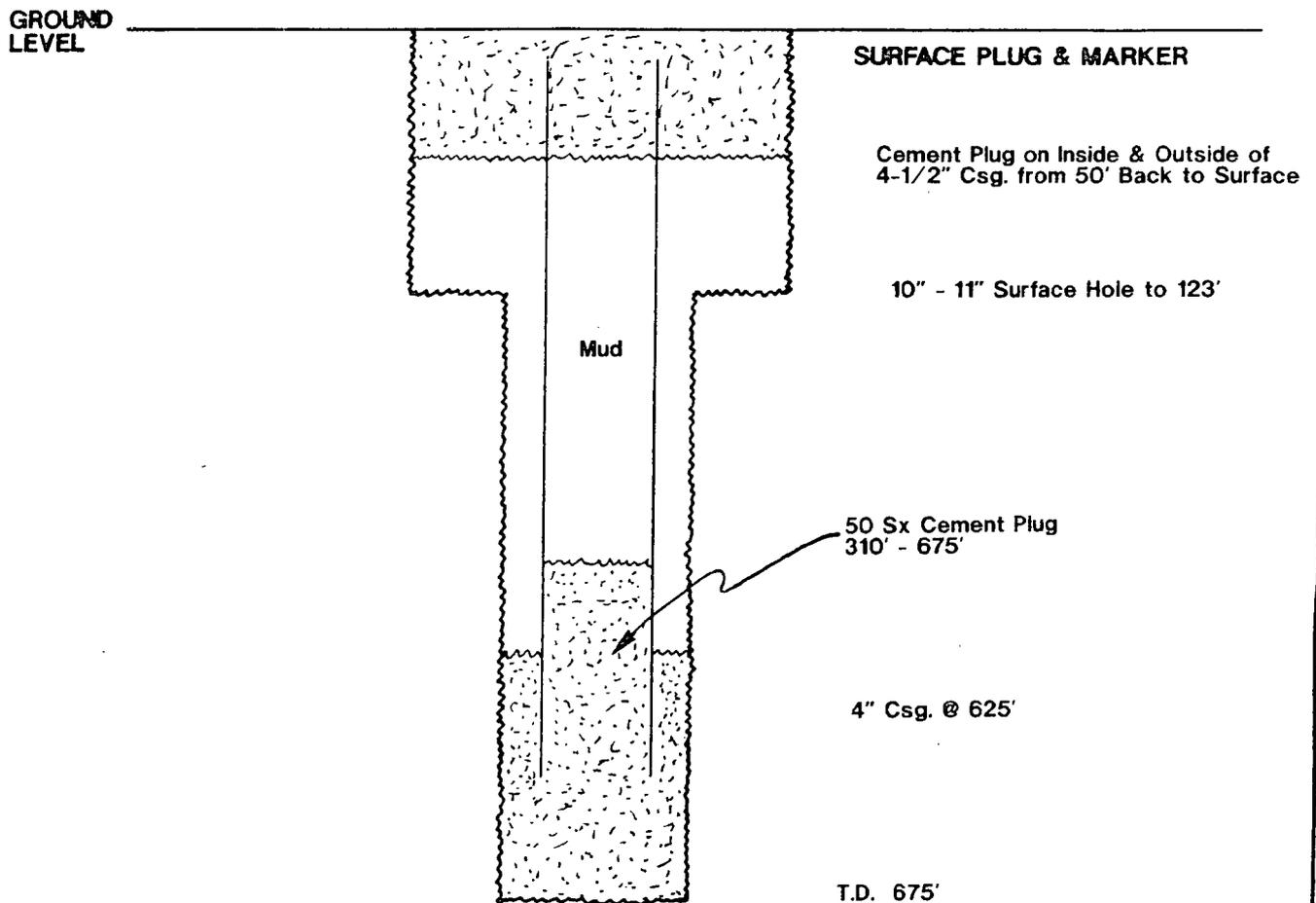
P&A DATE : 6-19-61

API 30 015 02443

APPLICATION FOR AUTHORIZATION TO INJECT

EDDY COUNTY, NEW MEXICO

SCHEMATIC DIAGRAM P&A WELLS



OPERATOR : S&J OPERATING COMPANY

LEASE & WELL NO. : SALADAR UNIT NO. 9

LOCATION : 0 -33 - T20S - R28E

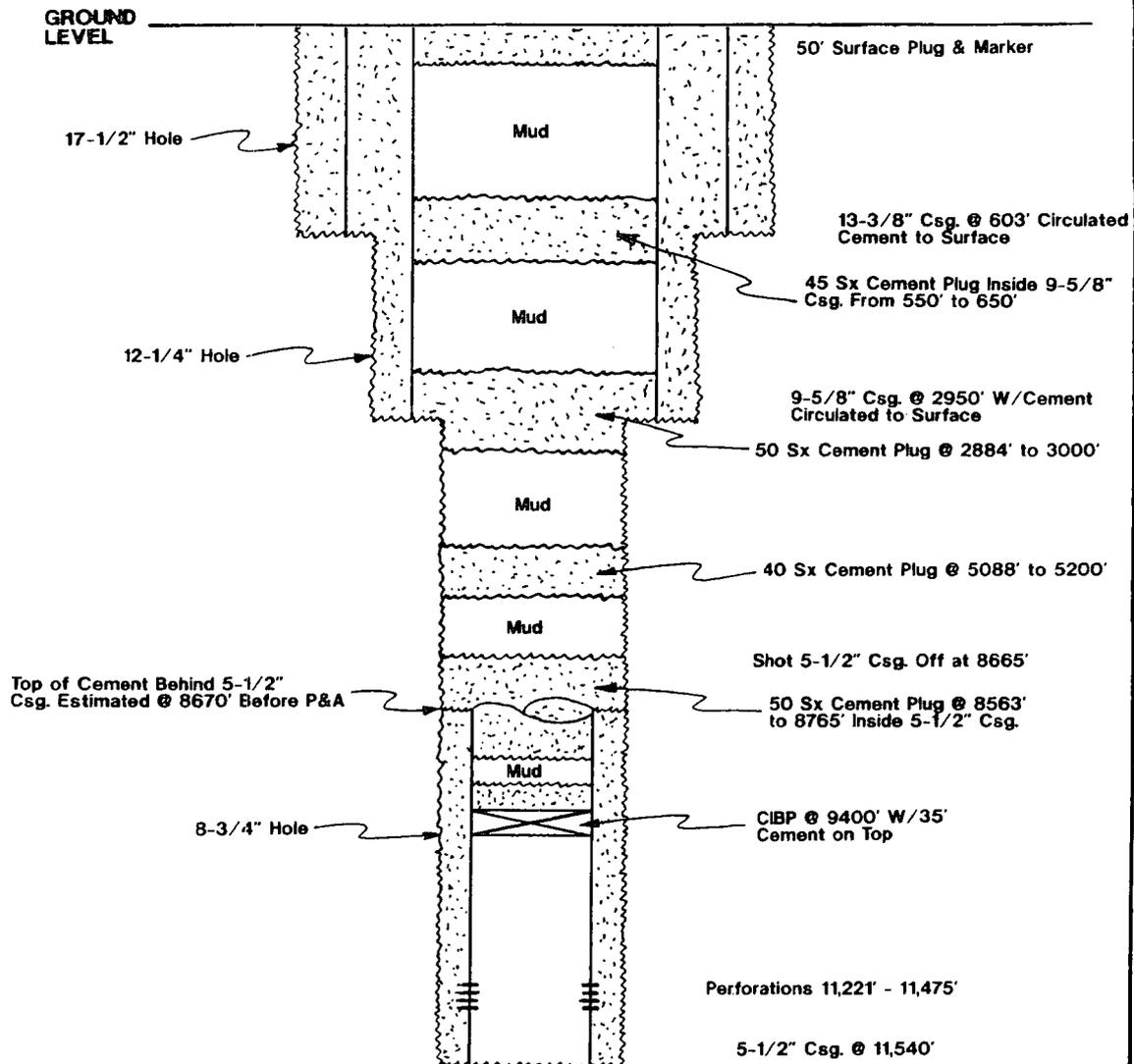
P&A DATE : 4-18-90

API 30 015 02443

APPLICATION FOR AUTHORIZATION TO INJECT

EDDY COUNTY, NEW MEXICO

SCHEMATIC DIAGRAM P&A WELLS



T.D. 11,540'

OPERATOR : BHP PETROLEUM USA, INC.

LEASE & WELL NO. : BURTON FLAT DEEP UNIT NO. 7

LOCATION : I - 33 - T20S - R28E

P&A DATE : 10-26-91

API 30 015 20954

TELEPHONE - 817-723-2166



POST OFFICE BOX - 2249

WICHITA FALLS, TEXAS
76307

August 14, 1978

Barber Oil Company, Inc.
P. O. Box 1658
Carlsbad, New Mexico 88220

Attn: Mr. Robert S. Light

Re: Pressure Limitation
Saladar Unit
Eddy County, New Mexico

Dear Mr. Light:

Reference is made to Mr. George H. Hunker, Jr.'s letter of August 3, 1978 which contained additional information required in the New Mexico Oil Conservation Division Cases 6238 and 6226. Also contained with Mr. Hunker's letter was a memorandum from the Oil Conservation Commission dated August 24, 1977 and referred to as Memo No. 3-77.

As engineer on this project, I must object to the Oil Conservation Commission ruling in their memorandum which in effect places a pressure limitation on the injection program planned for use in the Saladar Unit. In the memorandum it is indicated that "no surface injection pressure greater than 0.2 psi per foot of depth to the top of the injection zone will be permitted unless there is strong evidence that the strata confining injection fluid has a fractured gradient which would support a higher pressure." In effect, this limitation places an approximate 130 psi surface pressure limitation on the Saladar Unit project since the top of the injection zone is at a depth of 660'. Information available in the area not only support the use of additional pressure, but also virtually guarantees that without additional pressure a successful flooding of the Saladar Unit cannot be accomplished.

For the past 25 years, Stephens Engineering has supplied Neil H. Wills and/or Barber Oil Company with consulting engineering

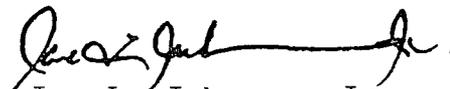
in one of the first water flood programs initiated in New Mexico. This program was initiated in 1953 in the Russell Pool located approximately two miles northeast of the Saladar Unit. Initially, pressures were held to a minimum of approximately 400 psi in this 800' depth project. Later, it became apparent that greater pressures and therefore greater injection rates could be sustained without creating channeling conditions, therefore the pressure was gradually raised to a 700 psi surface pressure reading. Even with this .875 psi per foot of depth gradient, the Barber Oil Company, Russell Pool project has dated approximately 25 years and has several additional years of commercial production still available. Based on this information, it is apparent that if the Oil Conservation Commission continues to restrict injection in the vicinity of the Saladar Unit to the 0.2 psi per foot of depth, it will require a tremendous number of years to completely water flood the zone planned for flooding, if a successful project could be sustained and held in a commercial range at all.

Based on the past performance of the Russell Pool, which is flooding a similar zone as is planned to be flooded in the Saladar Unit, it is strongly recommended that Barber Oil Company request an exemption to the 0.2 psi per foot of depth ruling and request that the Oil Conservation Commission allow use of a 0.875 psi per foot of depth restriction instead. Again, it must be emphasized that with a lower than planned pressure, not only will a large amount of time be necessary to successfully flood and obtain the oil available from the Saladar Unit, but a large question exists as to the commercial ability of installing the project until such a pressure limitation is removed.

Should you desire any additional information concerning the necessity for a greater injection pressure, please do not hesitate to contact us.

Yours very truly,

STEPHENS ENGINEERING


Joe L. Johnson, Jr.

JLJjr/bw

