

Jones, William V., EMNRD

From: Jones, William V., EMNRD
Sent: Thursday, July 03, 2008 3:20 PM
To: 'langlitz@pvtnetworks.net'
Cc: Ezeanyim, Richard, EMNRD; Warnell, Terry G, EMNRD
Subject: Injection Applications Saladar Unit Wells 2, 4, 6, 7, 8, 12 operated by Dennis Langlitz

Tracking: Recipient Read
 'langlitz@pvtnetworks.net'
 Ezeanyim, Richard, EMNRD
 Warnell, Terry G, EMNRD Read: 7/3/2008 3:46 PM

Gary Larson attorney
Covered will be Done @ Henry

Hello Mr. Langlitz:

We are evaluating your application to re-instate injection authority for these wells and have the following questions and requests:
 For your info: The contact information for everyone at the OCD is at: <http://www.emnrd.state.nm.us/OCD/AboutUs.htm>

You sent several copies of your application here. You don't need to send any extra copies of applications to the Santa Fe office - you do need to copy the district office in Artesia with anything sent here.

Please go through your copy of the application sent to Santa Fe and put the API numbers on all well diagrams and on the list of Area of Review wells and re-send it after adding other things requested here.

Please add the Saladar Unit #10 well to your list of wells in the Area of Review - and send the cement/casing data on that well.

Send a copy of your Unit map with all wells in the Unit and in the Area of Review spotted on the map and the status of those wells shown.

NOTICE ISSUES

Looks like the Saladar Unit consists of three leases - one is a Fee lease. Please send verification that the Saladar Unit still exists as a Unit. I did not see any plan of developments in the case file for the past several years and so was wondering if the BLM still considers this to be a Unit. You probably are still sending revenue checks for production from the Unit to all the owners listed in the Unit Agreement? Let me know.

The Saladar Unit #2 well in the NW/4 SW/4 of Section 33 (Tract III of the Unit) has Patented surface lands. Please let me know who owns the surface where the well is located and send proof they were notified of this application to inject.

Your newspaper notice had an expired address for the OCD. Please re-notice this in the newspaper using the correct address for the OCD and send proof of this notice:

Engineering Bureau of the Oil Conservation Division
 1220 South St Francis Drive
 Santa Fe, NM 87505

RULE 40:

Please work with Dorothy Phillips of this office to make sure all financial assurances are in order. I checked today and looks like another bond for the Saladar Unit #1 needs to be sent to Dorothy. You can check your status on the following link:

<http://www.emnrd.state.nm.us/OCD/OCDPermitting/Report/Stats/InactiveWellFinancialAssuranceReport.aspx?Operator=157447>

Please work with the Artesia Office and with Gail MacQuesten or Sonny Swazo of this office to ensure that your company is in compliance with the Division's Rule 40 concerning inactive wells. You can click on the following link to check the status:

<http://www.emnrd.state.nm.us/OCD/OCDPermitting/Report/Stats/InactiveWellList.aspx?Production=15&Operator=157447&ACO=Exclude&TA=Exclude>

PRESSURES and FORMATIONS

Tell me why you need such a high injection pressure - 600 psi at this depth is pretty high. Have you done any tests to see if the injection is going into the interval permitted for injection? What is your Injection/Withdrawal Ratio for this waterflood? Any order re-instating this injection authority may have a stipulation that some injection profiles be run in the future to see where the water is going.

Send a list of all formation tops in this area from the Rustler Anhydrite down to the Bell Canyon.

7/3/2008

Thank You for your attention to these requests.

William V. Jones PE
New Mexico Oil Conservation Division
1220 South St. Francis
Santa Fe, NM 87505
505-476-3448

7/3/2008

| Proposed Injection Wells Saladar Unit Dennis Langlitz - July 2008 | | | | | | | | | | | | | |
|---|---|---------------------|--------|--------|--------|-----|-------|--------------|--------|---------|---------|--|------------------|
| All contained in Sec 33, T20S R28E | | | | | | | | | | | | | |
| API | WELL_NAME | OPERATOR | FTG_NS | UL | Sec | Tsp | Rge | Min Distance | TVD | OGRID | PROP | LAND | PRODUCING_POOL_N |
| Active Injection Wells Being Re-Activated and also within AOR | | | | | | | | | | | | | |
| 3001502450 | SALADAR UNIT 002 | DENNIS LANGLITZ | 1650 S | 990 L | 33 20S | 28E | 0 | 690 | 157447 | 19503 P | I | 40 | |
| 3001502446 | SALADAR UNIT 004 | DENNIS LANGLITZ | 2310 S | 1650 K | 33 20S | 28E | 0 | | 157447 | 19503 F | I | 40 | |
| 3001502448 | SALADAR UNIT 006 | DENNIS LANGLITZ | 1650 S | 2185 K | 33 20S | 28E | 0 | | 157447 | 19503 F | I | 40 | |
| 3001510468 | SALADAR UNIT 007 | DENNIS LANGLITZ | 990 S | 1808 N | 33 20S | 28E | 0 | | 157447 | 19503 F | I | 40 | |
| 3001502449 | SALADAR UNIT 008 | DENNIS LANGLITZ | 990 S | 2310 N | 33 20S | 28E | 0 | | 157447 | 19503 F | I | 40 | |
| 3001524179 | SALADAR UNIT 012 | DENNIS LANGLITZ | 1980 S | 1980 K | 33 20S | 28E | 0 | 711 | 157447 | 19503 F | I | 40 | |
| Active Producers within AOR | | | | | | | | | | | | | |
| 3001524180 | SALADAR UNIT 013 | DENNIS LANGLITZ | 1315 S | 1980 N | 33 20S | 28E | 368 | | | 157447 | 19503 F | O | 40 |
| 3001524178 | SALADAR UNIT 011 | DENNIS LANGLITZ | 1980 S | 1315 L | 33 20S | 28E | 463 | | | 157447 | 19503 P | O | 40 |
| 3001502444 | SALADAR UNIT 005 | DENNIS LANGLITZ | 1650 S | 1650 K | 33 20S | 28E | 467 | | | 157447 | 19503 F | O | 40 |
| 3001524181 | SALADAR UNIT 014 | DENNIS LANGLITZ | 1315 S | 1325 N | 33 20S | 28E | 474 | | | 157447 | 19503 F | O | 40 |
| 3001502451 | SALADAR UNIT 001 | DENNIS LANGLITZ | 2310 S | 990 L | 33 20S | 28E | 660 | | | 157447 | 19503 P | O | 40 |
| 3001502447 | SALADAR UNIT 003 | DENNIS LANGLITZ | 2310 N | 1650 F | 33 20S | 28E | 660 | | | 157447 | 19503 F | O | 40 |
| 3001510365 | SALADAR UNIT 010 | DENNIS LANGLITZ | 330 S | 1753 O | 33 20S | 28E | 662 | | | 157447 | 19503 F | O | 40 |
| 3001533687 | AVALON RIDGE 33 FEDERAL COM 001 Spud=17apr05 | MEWBOURNE OIL CO | 810 S | 840 M | 33 20S | 28E | 853 | 11765 | 14744 | 34376 F | G | Two Completions BURTON FLAT; 640 ATOKA, WEST (GAS) | |
| Plugged Wells within AOR | | | | | | | | | | | | | |
| 3001502453 | MALCO A 001 | SALSICH NEIL E | 2310 N | 985 E | 33 20S | 28E | 937 | 0 | 214263 | 30041 | O | | |
| 3001502454 | MALCO A 001 | SALSICH NEIL E | 2310 N | 990 E | 33 20S | 28E | 933 | 0 | 214263 | 30041 S | O | | |
| 3001502452 | MAYFIELD 001 | RIGGS GEORGE D | 1650 N | 2310 G | 33 20S | 28E | 1,476 | 0 | 214263 | 30041 | O | | |
| 3001520954 | BURTON FLAT DEEP UNI 007 | GENERAL ATLANTIC RE | 1980 S | 660 I | 33 20S | 28E | 467 | 0 | 214263 | 30041 | O | | |
| 3001502440 | CANLEY FED 001 | BASIC MATERIAL INC | 1650 S | 2310 J | 33 20S | 28E | 125 | 0 | 214263 | 30041 F | O | | |
| 3001502445 | HUGHES FED 002 | RIGGS GEORGE D | 990 S | 990 M | 33 20S | 28E | 660 | 0 | 214263 | 30041 F | O | | |
| 3001502442 | Mayfield 001 | GEORGE E CONLEY | 1076 S | 2286 O | 33 20S | 28E | 89 | 0 | 214263 | 30041 F | O | | |
| 3001502439 | MAYFIELD 003 | BASIC MATERIALS | 495 S | 1980 O | 33 20S | 28E | 524 | 0 | 214263 | 30041 F | O | | |
| 3001502441 | Mayfield Fed 001 | GEORGE E CONLEY ETA | 990 S | 2310 O | 33 20S | 28E | 0 | 0 | 214263 | 30041 F | O | | |
| 3001502443 | SALADOR UT 009 | BARBER OIL INC | 660 S | 2310 O | 33 20S | 28E | 330 | 0 | 214263 | 30041 F | O | | |

Entered February 28, 1979

JAR

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION

IN THE MATTER OF THE HEARING
CALLED BY THE OIL CONSERVATION
DIVISION FOR THE PURPOSE OF
CONSIDERING:

CASE NO. 6226
Order No. R-5939

APPLICATION OF BARBER OIL, INC.
FOR A WATERFLOOD PROJECT, EDDY
COUNTY, NEW MEXICO.

ORDER OF THE DIVISION

BY THE DIVISION:

This cause came on for hearing at 9 a.m. on August 2, 1978, at Santa Fe, New Mexico, before Examiner Daniel S. Nutter.

NOW, on this 28th day of February, 1979, the Division Director, having considered the testimony, the record, and the recommendations of the Examiner, and being fully advised in the premises,

FINDS:

- (1) That due public notice having been given as required by law, the Division has jurisdiction of this cause and the subject matter thereof.
- (2) That the applicant, Barber Oil, Inc., seeks authority to institute a waterflood project on its Saladar Lease, Saladar-Yates Pool, by the injection of water into the Yates formation through five injection wells located in Units K, L, N and O of Section 33, Township 20 South, Range 28 East, NMPM, Eddy County, New Mexico.
- (3) That the wells in the project area are in an advanced state of depletion and should properly be classified as "stripper" wells.
- (4) That the proposed waterflood project should result in the recovery of otherwise unrecoverable oil, thereby preventing waste.
- (5) That the operator should take all steps necessary to ensure that the injected water enters only the proposed injection interval and is not permitted to escape to other formations or onto the surface from injection, production, or plugged and abandoned wells.

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Case No. 6226

Order No. R-5939

(6) That the Unit Operator should immediately notify the supervisor of the Artesia District Office of the Division of the failure of the tubing, casing, or packer of any well in the Unit Area or of the leakage of water from or around any well within one-half mile of the Saladar Unit Area, including wells which have been plugged and abandoned.

(7) That upon such failure of any well within one-half mile of an injection well in the Saladar Unit Area, the Division Director should be authorized to limit injection pressure in the Yates formation in such injection well to no more than hydrostatic pressure, and to maintain such pressure limitation until such time as workover operations (including re-plugging, if necessary) have been completed correcting such failure.

(8) That the injection wells or system should be equipped with a pressure control device or other acceptable substitute which will limit the surface injection pressure to no more than 557 psi. Provision should be made for the Division Director to administratively authorize a pressure limitation in excess of said 557 psi upon a showing by the Unit Operator that such higher pressure is necessary to effectively and efficiently waterflood the Saladar Unit Area and that such higher pressure limitation will not result in fracturing of the confining strata.

(9) That the subject application should be approved subject to the above conditions, and the project should be governed by the provisions of Rules 701, 702, and 703 of the Division Rules and Regulations.

IT IS THEREFORE ORDERED:

(1) That the applicant, Barber Oil, Inc., is hereby authorized to institute a waterflood project on its Saladar Lease, Saladar-Yates Pool, by the injection of water into the Yates formation through the following-described wells in Section 33, Township 20 South, Range 28 East, NMPM, Eddy County, New Mexico:

| <u>Original Well Name and No.</u> | <u>Unit Well No.</u> | <u>Unit Letter</u> |
|-----------------------------------|----------------------|--------------------|
| Riggs Hughes Fed No. 3 | 1-3 | K |
| Riggs Hughes Fed No. 5 | 1-5 | K |
| Riggs Hughes Fed No. 7 | 1-7 | N |
| Conley Mayfield Fed No. 2 | 2-2 | O |
| Riggs Malco-Keystone No. 1 | 3-1 | L |

(2) That injection into each of said wells shall be through internally coated tubing, set in a packer which shall be located as near as practicable to the casing shoe; that the casing-tubing annulus of each injection well shall be loaded with an inert fluid and equipped with an approved pressure gauge or attention-attracting leak detection device.

(3) That the operator shall immediately notify the supervisor of the Division's Artesia district office of the failure of the tubing or packer in any of said injection wells, the leakage of water or oil from around any producing well, or the leakage of water or oil from any plugged and abandoned well within the project area or within one-half mile of the Saladar Unit Area.

(4) That upon such failure of any well within one-half mile of an injection well in the Saladar Unit Area, the Division Director is hereby authorized to limit injection pressure in the Yates formation in such injection well to no more than hydrostatic pressure, and to maintain such pressure limitation until such time as workover operations (including re-plugging, if necessary) have been completed, successfully correcting such failure.

(5) That the injection wells or system shall be equipped with a pressure control device or other acceptable substitute which will limit the surface injection pressure to no more than 557 psi. The Division Director may administratively authorize a pressure limitation in excess of said 557 psi upon a showing by the Unit Operator that such higher pressure is necessary to effectively and efficiently waterflood the Saladar Unit Area and that such higher pressure limitation will not result in fracturing of the confining strata.

(6) That the subject waterflood project is hereby designated the Saladar Unit Waterflood Project and shall be governed by the provisions of Rules 701, 702, and 703 of the Division Rules and Regulations.

(7) That monthly progress reports of the waterflood project herein authorized shall be submitted to the Division in accordance with Rules 704 and 1120 of the Division Rules and Regulations.

(8) That jurisdiction of this cause is retained for the entry of such further orders as the Division may deem necessary.

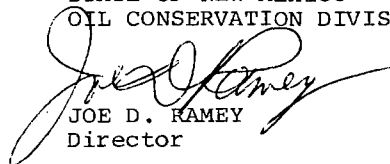
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Case No. 6226

Order No. R-5939

DONE at Santa Fe, New Mexico, on the day and year herein-
above designated.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION



JOE D. RAMEY
Director

S E A L

fd/

S & J OPERATING COMPANY
SALADAR UNIT
EDDY COUNTY, NEW MEXICO

TABULAR SUMMARY - WELL DATA
ALL WELLS NEAR PROPOSED INJECTION

| Operator Lease & Well No. | Location ^a | Well Type | Well Status | Compl. Date | Initial Prod. | Casing Record | | T.D. (Ft.) | Completion Interval (Ft.) | Treatment | Remarks |
|---|-----------------------|--------------|----------------|----------------|------------------|----------------|------------------------|---------------|------------------------------|---|---|
| | | | | | | Size (In.) | Setting Depth (Ft.) | | | | |
| S & J Operating Company Saladar Unit No. 1 | L-33-20-28 | Producer | SI | 9-26-56 | None | 7 1/2 5 1/2 | 153 670 | 732 | 670-732 open hole | Unknown | Originally G. D. Riggs - Malco Ref. No. 2 |
| Saladar Unit No. 2 | L-33-20-28 | Injection | ACT | 3-30-56 | 10 BOPD | 8 5/8 7 | 237 650 | 690 | 650-690 open hole | Unknown | Originally G. D. Riggs - Malco Ref. No. 1 |
| Saladar Unit No. 3 | P-33-20-28 | Produce | ACT | 9-10-56 | 52 BOPD | 7 5 1/2 | 187 641 | 707 | 641-707 open hole | Fraced w/10,000# sand | Originally G. D. Riggs - Hughes Federal No. 4 |
| Saladar Unit No. 4 | K-33-20-28 | Injection | ACT | 8-27-56 | 44 BOPD | 7 5 1/2 | 236 642 | 700 | 642-700 open hole | Fraced w/15,000# sand | Originally G. D. Riggs - Hughes Federal No. 3 |
| Saladar Unit No. 5 | K-33-20-28 | Producer | ACT | 6-20-56 | 25 BOPD | 5 1/2 | 590 | 673 | 590-673 open hole | Nitro (43 qts) | Originally G. D. Riggs - Hughes Federal No. 1 |
| Saladar Unit No. 6 | K-33-20-28 | Injection | ACT | 8-4-62 | 18 BOPD | 7 5 1/2 | 60 658 | 682 | 658-682 open hole | Fraced w/15,000# sand | Originally G. D. Riggs - Hughes Federal No. 5 |
| Saladar Unit No. 7 | N-33-20-28 | Injection | SI | 3-29-65 | 5 BOPD | 7 5 1/2 | 474 602 | 633 | 602-633 open hole | Fraced w/11,000# sand | Originally G. D. Riggs - Hughes Federal No. 7 |
| Saladar Unit No. 8 | N-33-20-28 | Producer | ACT | 11-9-62 | 40 BOPD | 7 5 1/2 | 440 678 | 664 | 628-664 open hole | Fraced w/12,000# sand | Originally G. D. Riggs - Hughes Federal No. 6 |
| Saladar Unit No. 9 | O-33-20-28 | Injection | P&A | 10-30-57 | 15 BOPD | 4 1/2 | 625 | 675 | 625-675 open hole | Fraced w/8,000# sand | Originally G. E. Conley - Mayfield No. 2 |
| Saladar Unit No. 10 | O-33-20-28 | Producer | SI | 7-28-64 | 30 BOPD | 7 5 1/2 | 441 640 | 730 660 | 640-660 open hole P&TD | Fraced w/11,000# sand | Originally G. D. Riggs - Mayfield No. 4 |
| Saladar Unit No. 11 | L-33-20-28 | Producer | ACT | 11-19-82 | 6 BOPD | 4 1/2 | 707 | 707 | 662-682 @ 2 SPF | Fraced w/600 gals. 15% HCL, 900 gals. WG-6 gel, 3,000# sand | Cement circulated to surface behind 4 1/2" casing |
| Saladar Unit No. 12 | K-33-20-28 | Producer | ACT | 11-16-82 | 2 BOPD | 7 5/8 4 1/2 | 82 711 | 711 | 658-682 @ 2 SPF | Fraced w/600 gals. acid, 900 gals. WG-6 gel, 3,000# sand | Cement circulated to surface behind 4 1/2" casing |
| Saladar Unit No. 13 | K-33-20-28 | Producer | ACT | 11-12-82 | 4 BOPD | 7 5/8 4 1/2 | 80 682 | 682 | 634-654 @ 2 SPF | Fraced w/600 gals. acid, 900 gals. WG-6 gel, 3,000# sand | Cement circulated to surface behind 4 1/2" casing |
| Saladar Unit No. 14 | N-33-20-28 | Producer | ACT | 11-9-82 | 2 BOPD | 7 5/8 4 1/2 | 82 660 | 660 | 613-638 @ 2 SPF | Fraced w/600 gals. acid, 900 gals. WG-6 gel, 3,000# sand | Cement circulated to surface behind 4 1/2" casing |

TABULAR SUMMARY - WELL DATA
ALL WELLS NEAR PROPOSED INJECTION (Cont'd)

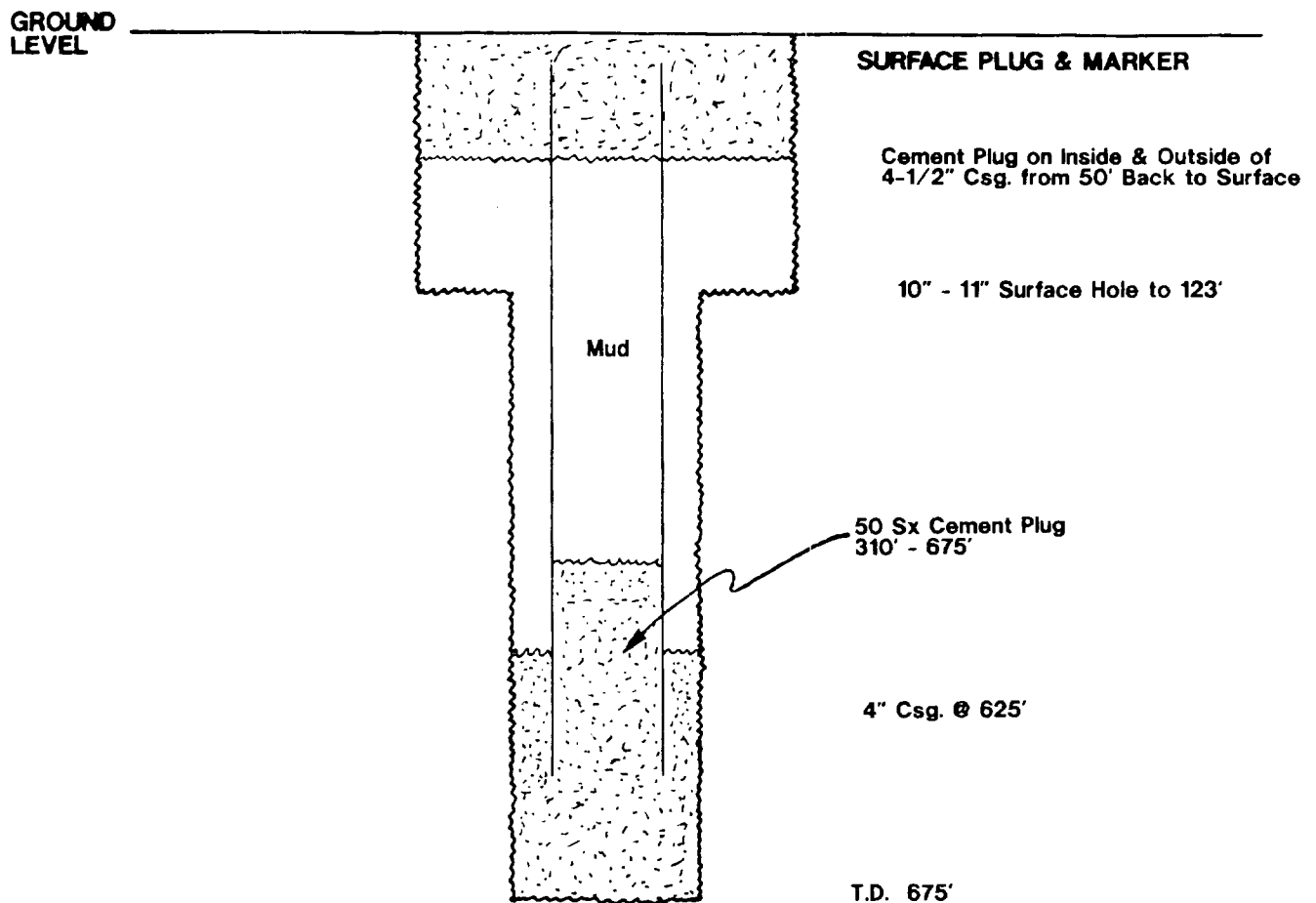
| Operator Lease & Well No. | Location* | Well Type | Well Status | Compl. Date | Initial Prod. | Size (In.) | Casing Record Setting Depth (Ft.) | Cement (Sk) | T.D. (Ft.) | Completion Interval (Ft.) | Treatment | Remarks |
|--|------------------------|--------------|----------------|----------------|------------------|--------------------------|---|---------------------|---------------|------------------------------|---|---|
| G. E. Conley County No. 1 | J-33-20-28 | - | P&A | 8-8-56 | - | 7 5 1/2 | 141 555 | 10 Unk | 737 | 655-737 open hole | - | |
| Mayfield No. 1 | O-33-20-28 | - | P&A | 7-8-57 | - | 7 | 100 | 10 | 699 | - | - | Lost hole @ 699'; P&A |
| Mayfield No. 1-X | O-33-20-28 | Dry Hole | P&A | 11-25-57 | - | 7 | 100 | 10 | 716 | - | - | |
| Mayfield No. 2 | See Saladar Unit No. 9 | | | | | | | | | | | |
| Husic Materials, Inc. Mayfield No. 3 | O-33-20-28 | Dry Hole | P&A | 6-19-61 | - | 7 5/8 4 1/2 | 177 637 | Unk 10 | 662 | 637-662 open hole | - | |
| QIP Petroleum USA Inc. Burton Flat Deep Unit No. 7 | I-33-20-28 | - | P&A | 11-19-73 | 5.4 MUCP | 13 3/8 9 5/8 5 1/2 | 603 2,950 11,560 | 750 1,250 800 | 11,560 | 11,221-11,475 | 4,000 gals. / 1 1/2% MS acid | Originally drilled by Monsanto Company |
| K. L. Bammel Coons No. 1 | A-4-21-27 | Dry Hole | P&A | 5-5-56 | - | 8 5/8 | 252 | Unk | 668 | - | - | |
| Coons No. 2 | C-3-21-27 | Dry Hole | P&A | 5-8-58 | - | 10 3/4 8 5/8 | 62 183 | Unk Unk | 715 | - | - | |
| Neil S. Salsich Malco No. 1-X | E-33-20-28 | Dry Hole | P&A | 5-15-57 | - | 7 4 1/2 | 223 719 | Unk 75 | 726 | - | Fraced w/20,000# sand, No production | |
| C. D. Riggs Mayfield No. 1 | G-33-20-28 | Dry Hole | P&A | 5-22-56 | - | 8 5/8 5 1/2 | 366 702 | Unk Unk | 748 | - | - | |
| Hughes Federal No. 2 | H-33-20-28 | Dry Hole | P&A | 7-4-56 | - | 7 5 1/2 | 80 608 | Unk 20 | 666 | - | - | |
| K. S. Light Wills Federal No. 1 | B-3-21-27 | Dry Hole | P&A | 12-17-62 | - | 7 | 407 | Unk | 642 | - | - | |

*Unit Letter - Section - TWP/South - RGE/East

APPLICATION FOR AUTHORIZATION TO INJECT

**S&J OPERATING COMPANY
SALADAR UNIT NO. 8
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

Injection Permit Checklist

SWD Order Number _____ Dates: Division Approved _____ District Approved _____

Information Request Letter or Email sent _____

Well Name/Num: SALADAR UNIT 2, 4, 6, 7, 8, 12 Date Spudded: _____

API Num: (30-) _____ County: _____

Footages _____ Sec _____ Tsp _____ Rge _____

Operator Name: L. Dennis Langley, Jr. TIREA OIL COMPANY Contact _____

Operator Address: 1425 SOUTH COUNTRY CLUB ROAD CARLSBAD, NM 88220

| | Hole/Pipe Sizes | Depths | Cement | Top/Method |
|-----------------|-----------------|--------|--------|------------|
| Surface | | | | |
| Intermediate | | | | |
| Production | | | | |
| Last DV Tool | | | | |
| Open Hole/Liner | | | | |
| Plug Back Depth | | | | |

Diagrams Included (Y/N): Before Conversion _____ After Conversion _____

Checks (Y/N): Well File Reviewed _____ ELogs in Imaging _____

| Intervals: | Depths | Formation | Producing (Yes/No) |
|---------------------|--------|-----------|--------------------|
| Salt/Potash | | | |
| Capitan Reef | | | |
| Cliff House, Etc: | | | |
| Formation Above | | | |
| Top Inj Interval | | | |
| Bottom Inj Interval | | | |
| Formation Below | | | |

TOO MANY COPIES
(Saladar #2 in UNIT "L"?)
was down the surface?

(GOOSE MAX?)

PSI Max. WHIP

Open Hole (Y/N)

Deviated Hole (Y/N)

Send copy of AP w/ APIS on all PIPIGRAMS, etc

Fresh Water Site Exists (Y/N) _____ Analysis Included (Y/N): ☒

Salt Water Analysis: Injection Zone (Y/N/NA) _____ Disposal Waters (Y/N/NA) ☒ Types: _____

Affirmative Statement Included (Y/N): _____ Newspaper Notice Adequate (Y/N) _____ Well Table Adequate (Y/N) _____

Surface Owner: BLM? Noticed (Y/N) _____ Mineral Owner(s) _____

AOR Owners: Dennis/CNF BPH/Mahy/Grau/Cran/Moist/Ex Mobil/Enba/John Noticed (Y/N) _____

CID/Potash/Etc Owners: _____ Noticed (Y/N) _____

AOR Num Active Wells _____ Repairs? _____ Producing in Injection Interval in AOR _____

AOR Num of P&A Wells _____ Repairs? _____ Diagrams Included? _____

Send LOGS to OGD

Data to Generate New AOR Table

New Table Generated? (Y/N)

| | STR | E-W Footages | N-S Footages |
|-----------|-----|--------------|--------------|
| Wellsite | | | |
| Northeast | | | |
| North | | | |
| Northwest | | | |
| West | | | |
| Southwest | | | |
| South | | | |
| Southeast | | | |
| East | | | |

Conditions of Approval:

1. _____
2. _____
3. _____
4. _____

RBDMS Updated (Y/N) _____

UIC Form Completed (Y/N) _____

This Form completed _____

Keep copy, KCMH-ROZ
K.C. MO.

157 447 Dennis LANGLEY

5/13 AOR wells

CMD :
OG5SEC2

ONGARD
VIEW LAND BY ULSTR

07/03/08 09:12:18
OGOWVJ -TQNH
PAGE NO: 1

Sec : 33 Twp : 20S Rng : 28E Cnty1 : Eddy
Cnty2 : Cnty3 :

| U Lot/ Qtr | SRF SUB | ACTIVE | Bene | REMARKS |
|------------|---------|--------|---------|-------------------------------|
| L Trct Qtr | ACREAGE | OWNER | LEASE # | (may show restrictions codes) |

| | | | | |
|---|--------|-------|----|----|
| A | NE4NE4 | 40.00 | FD | FD |
| B | NW4NE4 | 40.00 | FD | FD |
| C | NE4NW4 | 40.00 | FD | FD |
| D | NW4NW4 | 40.00 | FE | FE |
| E | SW4NW4 | 40.00 | FE | FE |
| F | SE4NW4 | 40.00 | FD | FD |
| G | SW4NE4 | 40.00 | FD | FD |
| H | SE4NE4 | 40.00 | FD | FD |
| I | NE4SE4 | 40.00 | FD | FD |
| J | NW4SE4 | 40.00 | FD | FD |
| K | NE4SW4 | 40.00 | FD | FD |

| | | | | | |
|-----------|-----------|------------|-----------|------|------|
| PF01 HELP | PF02 PREV | PF03 EXIT | PF04 GoTo | PF05 | PF06 |
| PF07 BKWD | PF08 FWD | PF09 PRINT | PF10 SDIV | PF11 | PF12 |

CMD :
OG5SEC2

ONGARD
VIEW LAND BY ULSTR

07/03/08 09:12:44
OGOWVJ -TQNH
PAGE NO: 2

Sec : 33 Twp : 20S Rng : 28E Cnty1 : Eddy
Cnty2 : Cnty3 :

| U Lot/ Qtr | SRF SUB | ACTIVE | Bene | REMARKS |
|------------|---------|--------|---------|-------------------------------|
| L Trct Qtr | ACREAGE | OWNER | LEASE # | (may show restrictions codes) |
| L | NW4SW4 | 40.00 | FE FE | |
| M | SW4SW4 | 40.00 | FD FD | |
| N | SE4SW4 | 40.00 | FD FD | |
| O | SW4SE4 | 40.00 | FD FD | |
| P | SE4SE4 | 40.00 | FD FD | |

M0001: This is the last page

| | | | | | |
|-----------|-----------|------------|-----------|------|------|
| PF01 HELP | PF02 PREV | PF03 EXIT | PF04 GoTo | PF05 | PF06 |
| PF07 BKWD | PF08 FWD | PF09 PRINT | PF10 SDIV | PF11 | PF12 |

CMD :
OG5SECT

ONGARD
INQUIRE LAND BY SECTION

07/03/08 09:12:18
OGOWVJ -TQNH
PAGE NO: 1

Sec : 33 Twp : 20S Rng : 28E Section Type : NORMAL

| | | | |
|--|--|---|--------------------------------------|
| D 40.00 Fee owned | C 40.00 Federal owned | B 40.00 Federal owned U | A 40.00 Federal owned U |
| E 40.00 Fee owned A A | F 40.00 Federal owned A | G 40.00 Federal owned U A | H 40.00 Federal owned U |

PF01 HELP
PF07 BKWD

PF02
PF08 FWD

PF03 EXIT
PF09 PRINT

PF04 GoTo
PF10 SDIV

PF05
PF11

PF06
PF12

CMD :
OG5SECT

ONGARD
INQUIRE LAND BY SECTION

07/03/08 09:13:20
OGOWVJ -TQNH
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Sec : 33 Twp : 20S Rng : 28E Section Type : NORMAL

| | | | |
|--|--|---|---|
| L 40.00 Fee owned A A P | K 40.00 Federal owned A A A A | J 40.00 Federal owned U A | I 40.00 Federal owned U C A |
| M 40.00 Federal owned A A | N 40.00 Federal owned A A A A | O 40.00 Federal owned U A A A A A | P 40.00 Federal owned U |

PF01 HELP
PF07 BKWD

PF02
PF08 FWD

PF03 EXIT
PF09 PRINT

PF04 GoTo
PF10 SDIV

PF05
PF11

PF06
PF12