# Initial

# Application

# Part I

Received 10/30/21



October 28, 2021

State of New Mexico Energy, Minerals & Natural Resources Department Oil Conservation Division 1220 S. St. Frances Dr. Santa Fe, NM 87505

RE: Pressure Maintenance Project
North Hobbs G/SA Unit
Well No. 973
API: New Drill
Letter I, Section 31, T-18S, R-38E
Lea County, NM

To Mr. Richard Ezeanyim, Chief Engineer:

Occidental Permian Ltd. respectfully request administrative approval, without hearing, to commence injection (water, CO2, and produced gas) per the authorized Order No. R-6199-F. In support of this request please find the following documentation:

- Administrative Application Checklist
- Form C-108 with miscellaneous data attached
- An Injection Well Data Sheet with Wellbore Schematic
- Form C-102
- Map

\*\*\* Per Order No. R-6199-F, this application is eligible for administrative approval without notice or hearing \*\*\*

If you have any questions regarding this application, please contact me at 832-646-4450 or email Jose\_Gago@oxy.com.

Sincerely,

Jose Gago

Regulatory Engineer

 $1_{\rm D} \overline{0/30/21}$ PMXpBL2130552605 LOGGED IN

ABOVE THIS LINE FOR DIVISION USE ONLY

# NEW MEXICO OIL CONSERVATION DIVISION

- Engineering Bureau -1220 South St. Francis Drive, Santa Fe, NM 87505



|         |                         | ADMINISTRATIVE AP  | PLICATI  | ON CHECKLIST   |            |
|---------|-------------------------|--|--|--|------------|
| TH      | IIS CHECKLIST IS N      | MANDATORY FOR ALL ADMINISTRATIVE APPL<br>WHICH REQUIRE PROCESSING A  | LICATIONS FOR<br>AT THE DIVISION   | EXCEPTIONS TO DIVISION RULES AND R   | EGULATIONS |
| Applic  | DHC-Dow                 | ns:<br>ndard Location] [NSP-Non-Standar<br>nhole Commingling] [CTB-Lease<br>ool Commingling] [OLS - Off-Leas                 | rd Proration I<br>Comminglin<br>se Storage]<br>MX-Pressure<br>[IPI-Injection | Unit] [SD-Simultaneous Dedicat<br>g] [PLC-Pool/Lease Commingl<br>[OLM-Off-Lease Measurement]<br>Maintenance Expansion]<br>Pressure Increase] | ing]       |
| [1]     | TYPE OF AI              | PPLICATION - Check Those Which Location - Spacing Unit - Simultar NSL NSP SD"  | neous Dedica   |  | 9          |
|         | Checl<br>[B]            | Cone Only for [B] or [C]"  Commingling - Storage - Measure  DHC CTB PLC  |  | OLS OLM"   |            |
|         | [C]                     | Injection - Disposal - Pressure Inc.  WFX X PMX SW   |  | iced Oil Recovery"  BOR PPR"   |            |
|         | [D]                     | Other: Specify Additional Injector wi  | ithin approved   | project area (R-6199-F)Á   |            |
| [2]     | NOTIFICAT<br>[A]        | TION REQUIRED TO: - Check The Working, Royalty or Overridi   |  |  |            |
|         | [B]                     | Offset Operators, Leaseholde   | ers or Surface   | Owner  |            |
|         | [C]                     | Application is One Which Re  | equires Publis   | shed Legal Notice  |            |
|         | [D]                     | Notification and/or Concurred U.S. Bureau of Land Management - Commiss   | nt Approval t  | by BLM or SLO<br>ds, State Land Office   |            |
|         | [E]                     | For all of the above, Proof of   | Notification   | or Publication is Attached, and/or   | .,         |
|         | [F]                     | Waivers are Attached   |  |  |            |
| [3]     |                         | CURATE AND COMPLETE INF<br>ATION INDICATED ABOVE.  | ORMATIO  | N REQUIRED TO PROCESS T  | ГНЕ ТҮРЕ   |
|         | al is <b>accurate</b> a | <b>TION:</b> I hereby certify that the information and complete to the best of my knowlequired information and notifications | ledge. I also  | understand that <b>no action</b> will be   |            |
|         | Note                    | : Statement must be completed by an indiv  |  | agerial and/or supervisory capacity.   |            |
|         | L Gago                  | Vou hum 9  | apol.  | Engineer, Regulatory   | 10/29/2021 |
| runt or | Type Name               | Signature  | · <del>*</del> *   | jose_gago@oxy.com  | Date       |
|         |                         |  |  | e-mail Address   |            |

STATE OF NEW MEXICO ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

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

FORM C-108 Revised June 10, 2003

## **APPLICATION FOR AUTHORIZATION TO INJECT**

| I.     | PURPOSE:Secondary Recovery X Pressure MaintenanceDisposalStorage Application qualifies for administrative approval?X YesNo  |
|--------|---|
| II.    | OPERATOR: OCCIDENTAL PERMIAN LTD  |
|        | ADDRESS: P.O. Box 4294 Houston, TX 77210-4294   |
|        | CONTACT PARTY: Jose L Gago PHONE: 832-646-4450  |
| 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? X Yes No If yes, give the Division order number authorizing the project: R-6199-F  |
| 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:   |
|        | <ol> <li>Proposed average and maximum daily rate and volume of fluids to be injected;</li> <li>Whether the system is open or closed;</li> <li>Proposed average and maximum injection pressure;</li> <li>Sources and an appropriate analysis of injection fluid and compatibility with the receiving formation if other than reinjected produced water; and,</li> <li>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.).</li> </ol> |
| *VIII. | Attach appropriate geologic data on the injection zone including appropriate lithologic detail, geologic name, thickness, and depth. Give the geologic name, and depth to bottom of all underground sources of drinking water (aquifers containing waters with total dissolved solids concentrations of 10,000 mg/l or less) overlying the proposed injection zone as well as any such sources known to be immediately underlying the injection interval.   |
| IX.    | Describe the proposed stimulation program, if any.  |
| *X.    | Attach appropriate logging and test data on the well. (If well logs have been filed with the Division, they need not be resubmitted).   |
| *XI.   | Attach a chemical analysis of fresh water from two or more fresh water wells (if available and producing) within one mile of any injection or disposal well showing location of wells and dates samples were taken.   |
| XII.   | Applicants for disposal wells must make an affirmative statement that they have examined available geologic and engineering data and find no evidence of open faults or any other hydrologic connection between the disposal zone and any underground sources of drinking water.  |
| XIII.  | Applicants must complete the "Proof of Notice" section on the reverse side of this form.  |
| XIV.   | Certification: I hereby certify that the information submitted with this application is true and correct to the best of my knowledge and belief.  |
|        | NAME: Jose L GagoTITLE: Engineer, Regulatory  |
|        | SIGNATURE:  |
| *      | E-MAIL ADDRESS: Jose_Gago@oxy.com  If the information required under Sections VI, VIII, X, and XI above has been previously submitted, it need not be resubmitted. Please show the date and circumstances of the earlier submittal: February 11, 2014 as part of Order No. R-6199-F application   |

#### 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 the 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, 1220 South St. Francis Dr., Santa Fe, New Mexico 87505, 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.

# C-108 Application Attachment Occidental Permian Ltd. North Hobbs G/SA Unit No. 973 Lea County, New Mexico

- I. This is a pressure maintenance project. The project qualifies for administrative approval.
- II. OCCIDENTAL PERMIAN Ltd.

P.O. Box 4294 Houston, TX 77210-4294

Contact Party: Jose Gago, 832-646-4450

- III. Injection well data sheet and wellbore schematic has been attached for NORTH HOBBS G/SA UNIT No. 973
- IV. This is an expansion of an existing project authorized under Order No. R-6199-F.
- V. The map with a two mile radius surrounding the injection well and a one half mile radius for area of review is attached.
- VI. In accordance to Order No. R-6199-F Section 4 OCCIDENTAL PERMIAN Ltd certifies that: The area of review for well "NORTH HOBBS G/SA UNIT #973" shows no substantive changes in the information furnished in support of Order No. R-6199-F concerning the status of construction of any well that penetrates the injection interval within the one-half (1/2) mile around the injection well, with the exemption of the well below:

| API          | Well Name                 | Operator               | Status after<br>Jan 2014 |
|--------------|---------------------------|------------------------|--------------------------|
| 30-025-07624 | SOUTH HOBBS G/SA UNIT 013 | OCCIDENTAL PERMIAN LTD | P & A                    |

The wellbore diagrams and tabulated well data is attached.

VII. The area of review is attached.

Average Injection Rate
 Maximum Injection Rate
 4,000 BWPD / 15,000 MCFGPD
 9,000 BWPD / 20,000 MCFGPD

2 This will be a closed system.

3. Average Surface Injection Pressure 1,100 PSIG

Maximum Surface Injection Pressure

Produced Water 1,100 PSIG
CO2 1,250 PSIG
CO2 w/produced gas 1,770 PSIG

(In accordance with Order No. R-6199-F, effective 7/18/13)

4. Source Water – San Andres Produced Water

(Analysis previously provided at hearing, Case No. 14981)

- VIII. The information was previously submitted as part of Order No. R-6199-F application IX.
  - a. Well will be perforated using slick gun system, 4- jspf, 90-degree phasing
  - b. Acid stimulated using ~ 6000 gals of 15% HCL NEFE, pumped using a straddle packer assembly (PPI Tool)
  - c. Acid will be flush with approximately 100 bbls of fresh water
  - d. Max injection rate per cluster: 4 to 5 bpm.
- X. Logs will be filed at the time of drilling.
- XI. The information was previously submitted as part of case No. 15103 Order R6199F Effective May 22, 2014.

- XII. N/A. This is a pressure maintenance project, not a disposal well.
- XIII. Section 3 of Order No. R-6199-F allows the administrative approval, from the Division Director, of additional injection wells without notice and hearing. Notices to producers and surface owners for the water/CO2 flood area were provided at the time of the application and hearing for Order No. R-6199-F.

# INJECTION WELL DATA SHEET

| OPERATOR: Occidenta | al Permian LTD.            |                    |                            |                                 |                 |
|---------------------|----------------------------|--------------------|----------------------------|---------------------------------|-----------------|
| WELL NAME & NUM     | BER: NORTH HOBBS G/SA UNIT | 973                |                            |                                 |                 |
| WELL LOCATION:      | 1662' FSL 841' FEL         | 1                  | 31                         | 18 S                            | 38 E            |
|                     | FOOTAGE LOCATION           | UNIT LETTER        | SECTION                    | TOWNSHIP                        | RANGE           |
| WELLE               | BORE SCHEMATIC             |                    | WELL Consumation           | ONSTRUCTION DAT<br>Casing       | <u>ra</u>       |
|                     |                            | Hole Size: 13 1/2" |                            | Casing Size: 9 5/8              | "               |
|                     |                            | Cemented with: 51  | 5 sx.                      | or                              | ft <sup>3</sup> |
|                     |                            | Top of Cement: Su  | rface                      | Method Determine                | d: Circulated   |
|                     |                            |                    | <u>Intermedia</u>          | te Casing                       |                 |
|                     |                            | Hole Size:         |                            | Casing Size:                    |                 |
|                     |                            | Cemented with:     | sx.                        | or                              | ft <sup>3</sup> |
|                     |                            | Top of Cement:     |                            | Method Determine                | d:              |
|                     |                            |                    | Productio                  | n Casing                        |                 |
|                     |                            | Hole Size: 8 3/4"  |                            | Casing Size: 7"                 |                 |
|                     |                            | Cemented with: 875 | 5 sx.                      | or                              | ft <sup>3</sup> |
|                     |                            | Top of Cement: Su  | rface                      | Method Determine                | d: Circulated   |
|                     |                            | Total Depth:45     | 500' TVD 5271 N            | ИD                              |                 |
|                     |                            |                    | <u>Injection</u>           | <u>Interval</u>                 |                 |
|                     |                            | perforated from    | n 3950' TVD <sub>fee</sub> | <sub>tt to</sub> Base of the ur | nit @ 4500' TVD |

(Perforated or Open Hole; indicate which)

# **INJECTION WELL DATA SHEET**

| Tul             | bing Size: 2 - 7/8" Lining Material: Duoline  |
|-----------------|---|
| Ty <sub>]</sub> | pe of Packer: 5-1/2" x 2 3/8" 14-20# AS1-X Double Grip injection Packer   |
| Pac             | cker Setting Depth: approx. 3900' TVD or 4530' MD   |
| Otl             | her Type of Tubing/Casing Seal (if applicable):   |
|                 | Additional Data   |
| 1.              | Is this a new well drilled for injection?XYesNo   |
|                 | If no, for what purpose was the well originally drilled?  |
| 2.              | Name of the Injection Formation: San Andres   |
| 3.              | Name of Field or Pool (if applicable): Hobbs; Grayburg - San Andres   |
| 4.              | Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e. sacks of cement or plug(s) usedNo |
| 5.              | Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area:  |
|                 | Queen @ 234' TVDSS or 3400' TVD   |
|                 | Glorieta @ -1690' TVDSS or 5340' TVD  |
|                 |   |
|                 |   |

### **WELLBORE DIAGRAM**

(updated: 10/27/2021)

Revision 0

Zone: San Andres

WELL# NORTH HOBBS G/SA UNIT #973

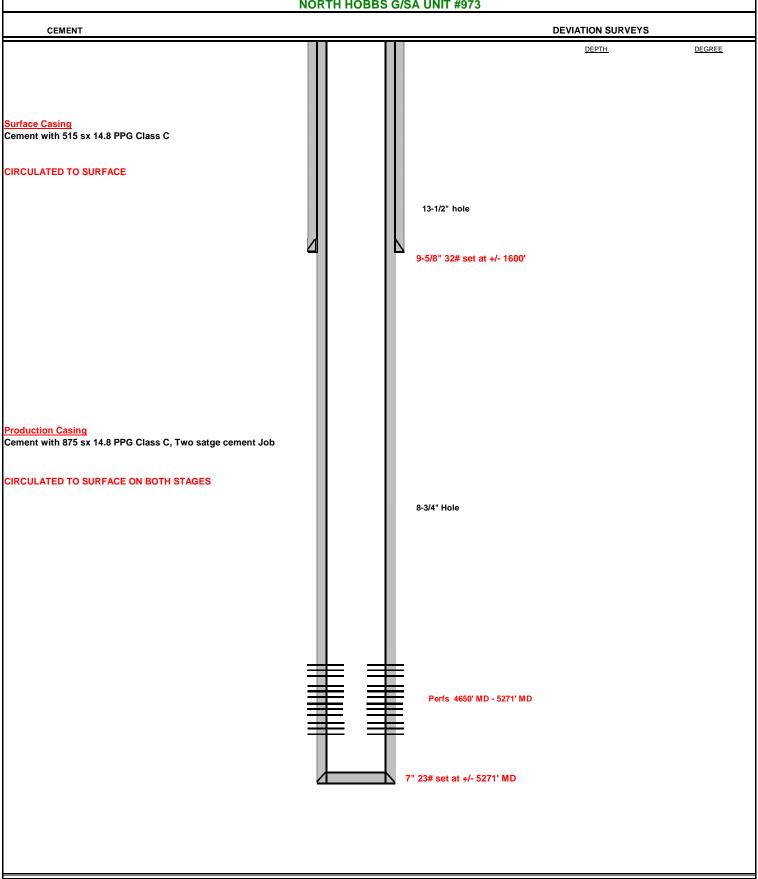
GL elev

3633.70

Spud: TBD

API#

## **NORTH HOBBS G/SA UNIT #973**



<u>District I</u> 1625 N. French Dr., Hobbs, NM 88240 Phone: (575) 393-6161 Fax: (575) 393-0720 <u>District II</u> 811 S. First St., Artesia, NM 88210

811 S. FIRS St., Artesia, FM 80210 Phone: (575) 748-1283 Fax: (575) 748-9720 District III 1000 Rio Brazos Road, Aztec, NM 87410 Phone: (505) 334-6178 Fax: (505) 334-6170 District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505

Phone: (505) 476-3460 Fax: (505) 476-3462

# State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION 1220 South St. Francis Dr. Santa Fe, NM 87505

Form C-102 Revised August 1, 2011 Submit one copy to appropriate District Office

☐ AMENDED REPORT

| WELL LOCATION AND | <i>ACREAGE</i> | DEDICATION . | PLAT |
|-------------------|----------------|--------------|------|
|-------------------|----------------|--------------|------|

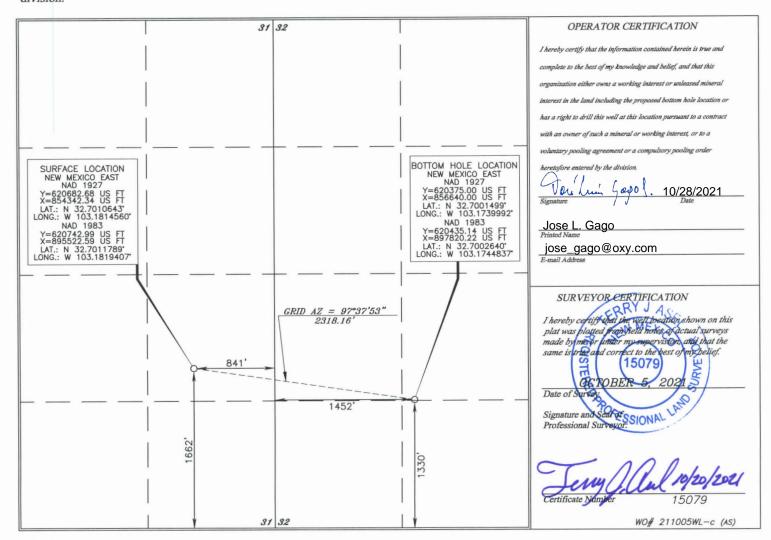
| API Numbe     | er | Pool Code  |                            |             |  |  |  |  |  |
|---------------|----|------------|----------------------------|-------------|--|--|--|--|--|
| 30-025-       |    | 31920      | HOBBS; GRAYBURG-SAN ANDRES |             |  |  |  |  |  |
| Property Code |    | Prop       | erty Name                  | Well Number |  |  |  |  |  |
| 19520         |    | NORTH HOB  | BS G/SA UNIT               | 31-973      |  |  |  |  |  |
| OGRID No.     |    | Oper       | rator Name                 | Elevation   |  |  |  |  |  |
| 157984        |    | OCCIDENTAL | <i>3633.</i> 7'            |             |  |  |  |  |  |

Surface Location

| UL or lot no. | Section | Township | Range                | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County | ı |
|---------------|---------|----------|----------------------|---------|---------------|------------------|---------------|----------------|--------|---|
| I             | 31      | 18 SOUTH | 38 EAST, N.M.P.M.    |         | 1662'         | SOUTH            | 841'          | EAST           | LEA    |   |
|               |         |          | Bottom Hole Location | on If I | Different F   | From Surfac      | e             |                |        |   |

|               |         |                 | Douom 1101         | C Locamo  | <i>,</i> 1111 | Jiii Cii Cii L | 10111 Duritue    | -             |                |        |
|---------------|---------|-----------------|--------------------|-----------|---------------|----------------|------------------|---------------|----------------|--------|
| UL or lot no. | Section | Township        | Range              |           | Lot Idn       | Feet from the  | North/South line | Feet from the | East/West line | County |
| K             | 32      | 18 SOUTH        | 38 EAST, N.        | М. Р. М.  |               | 1330'          | SOUTH            | 1452'         | WEST           | LEA    |
| Dedicated     | Acres   | Joint or Infill | Consolidation Code | Order No. |               |                |                  |               |                |        |
|               |         |                 |                    |           |               |                |                  |               |                |        |

No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.



|  | NESE<br>(1)    | Na 30:025-35<br>30-025-054 | 5370 NESW<br>48530-024-46880 | 30-025-26832                           | 30-025-05488                    | 30-025-29098                         | NESW<br>30-025-27138             | 30-025-29195  | 30-025-37445<br>30-025-22601<br>Wedones Ln 30 | Ø 30-025-232                           | 06 NESW 30-0                                       | 25-07372<br>25-07372                          | 7381 NE®30-025-0                               | 738630;025-07393<br>(L)                                       | NESW30-025-0   | 7392 (J)                         | NESE 7   | NWaW ∑NESW<br>(L) (K)   |
|--|----------------|----------------------------|------------------------------|--|---------------------------------|--------------------------------------|----------------------------------|---|---|--|--|---|--|---|--|----------------------------------|--|---|
| North Hobbs                                      | 30-            | 025-05473                  | •                            |  | 30-025-43038                    | 30-025-442273                        | 8 025-44228                      | Z M. States P.U.  | W Jones Ln30                                  | -025-28881                             | 30-025-07984                                       |   |  |   | 30-025-07394   | 100                              | الساد  | W Sover Dr  |
| 1401111110003                                    | SESE 23        | SWSW.30-0                  | 25-4482630-025-4<br>(N) 30-  | 3847<br>-025-05482 )<br>-30-025-054    | SESE<br>30-025-22421            | L 4 S                                | SESV30-025<br>30-025-23481       | 20 005 07054  | SESE (P) 30-                                  | SWSWW Tre<br>025-07366                 | (N) 30-0   | SWSE<br>025-12493 ) 30-4                      | 025-0737330-025-0                              | 8WSW<br>(M) 30-0  | SESW 30-02<br>(N) 30-02<br>25-22670 30-025-<br>30-025-07391              | 5-226903E<br>22602 O )           | 111  | SWSW 22 SESW (M)  |
| G/SA Unit 973                                    |                |                            | 18S 37E 3                    | 0.025-44828                            | 90<br>30-025-29062              | •30-025-0736                         | 5 - 0                            | ●30-025-12491   | * 1 20  | 30-025-0738                            |  |   | 0.4.4.41                                       | 30-025-07390  | •30-025-07391  | •30-025-07396                    | 30-025-07397   |   |
|  | 3              | 30-025                     | Bender Blvd C30.<br>5-05491  | -025-05489 30-025<br>NVINE             | 05506<br>30-025-                | 30-025-070<br>39007 <sup>5</sup>     | 30-025-29063                     | 0-025-07463   | 30-025-29197                                  | 025-07470<br>-30-025-0745              | 30-025-3745<br>2 0 30-0                            | 25-07433<br>NWNE                              | 311-1  | 7   |  | NWNE<br>(B)                      | II.  |   |
| AOR  | (A) 26         | (B)                        | 0-025-44827<br>(C)           | 25 30-025-                             | 30-025-37480<br>37481 (30-025-3 | 7118 L1 30-0                         | 25-37102-) 30-4                  | 07466 30-025-232<br>025-35332   | (A+   | 30-025-2391                            | 23222 NE 30 025-37<br>9 30 025-2362<br>-21964      | 474<br>30-025-2362130-                        | NENE<br>025-0743230-025-0                      | NWNW<br>7455 30-025-0742                                      | 2 (C) 3020   | 25-07425                         | NENE<br>(A)  | (D) 27 (G)  |
|  | SENE (H)       | SWNW (E)                   | SENW (F)                     | SWINE (G)                              | SENE                            | 30-025-2906                          | 30-025-26833                     | 30-025<br>30-025-20412<br>(G)   | -34983 5<br>SENE                              | 30-025<br>SWNW<br>(E)                  | -21964<br>SENW 30-025-26                           | 6934 30:025-288                               | 30*025-074<br>SENE                             | SWNW  | SENW (F)   | 30-025-07417<br>SWNE             | 30-025-07419<br>(H)                                  | 30-025-24490<br>SW305025-233757<br>(E) (F)  |
| Oil and Gas Wells                                |                | 0 30                       | 0-025-05502                  | -025-0549630-025                       | 9 30-025-26933<br>-05505        | 1                                    | 30-025-3629                      | 730-025-28555 F   | 30-025-27059                                  | 30-025-28953                           | 025-37213 30-<br>30-025-1280                       | -025-37128 -30<br>02 30-025-                  | 025-37475<br>07434 <sup>30-025-0746</sup>      | •30-025-28964<br>30-025-0                                     | 30-025-07429<br>7426 30-025-07<br>SEMW                                   | 100                              | -  | I all all   |
| Wells - Large Scale                              | SENE<br>(H)    | SWNW<br>(E)                | (F)                          | SVINE<br>(G)                           | SENE<br>(H30-025                | -0550430-025-0746                    | SEMW<br>64 (F) 30                | 730-025-28555<br>07465<br>SWNE<br>01025-07462)<br>72<br>30-025-07467<br>12)<br>30-025-0747  | SENE<br>30-025-0746                           | 8 30-025-0744                          | 23176305025-23585<br>9 (F) 30-0                    | 5 SVMI 30-02<br>25-363153) 30                 | 5-23620 ENE<br>1-025-07431)                    | 30-025-07420  | 304025-0742730   | -025 07416 30-025                | -31655   | 243 SW304025-30910<br>(E)   |
| ● Miscellaneous<br>★ CO2, Active                 |                | ļ,                         | /                            | 205 25400                              | 3                               | 0-025-05492                          | 30-025-221                       | 72 30-025-07467<br>30-025-0747<br>31-30-025-3572730<br>321-30-025-3572730<br>325-38216 30-025-<br>31-30-025-28955<br>30-025-35755<br>30-025-35755<br>30-025-35755<br>30-025-35755 | 30-025-23<br>W M                              | 151<br>0-025-35754<br>30-02            | 30-025-359<br>5-37558 9                            | 025-37250 00 000                              | 30-025-07457 *E                                | istrict36-625-1249  | 7 30.025.28882   | y Courses to hoo                 | 30-025-07418   | 30-025-12494  |
| CO2, Cancelled                                   | NESE 26        | NWSW                       | 18S 37G <sup>0</sup>         | -025-05498<br><b>25</b> 30-025-0549430 | -025-05500 <sub>3E</sub>        | 5-0549530-025-074<br>30-025-0748638E | 181 30-025-22<br>25-371203W 30-0 | 321 30:025-3572730.<br>025-3621630-025  | 30-025-0747<br>025 2895430-025                | 430-025-07447<br>5-28580<br>07474 NWSW | 025-23131 D  | 9 30-028                                      | 30-025-35376<br>5-23049ESE 30-0                | 25-07424 SWO 025  | 5<br>22274 PS 30-025-07  | 123 30-025-07                    | 415 NES  | NWSW 27 NESW  |
| CO2, New   | (1)            | 14                         | (K)                          | (J)                                    | (1) 30-0                        | 25-37105                             | (304025-23<br>30-025-26935       | 30-025-28955  | 30-025  | -36280 (30)025-07<br>30-025-34         | 30-025-3601130<br>450<br>1871                      | 0-025-34869<br>0-025-07436                    | 30-025-37409<br>30-025-0745                    | ( 6 30-025-   | 30 025 23308   | 30-025-07412                     | 30-025-07413   | 30-025-07410 <sup>K</sup> )   |
| CO2, Plugged                                     |                | /                          | 30                           | -025-05501                             | 3                               | 0 025-05499 30                       | 025.07487                        | 30 025 35755  | 30-025-2700<br>26-24665                       | 25-35756<br>01<br>30-025-28958         | 30-025-26917                                       | 30-025-28884                                  | 30:025:35673                                   | 0-025-28885<br>FIELD  | 30-025-07421   | 76                               | 3002   | 30.025.07410 / 5.3.250.025.1210 / 5.3.250.025.1210 / 5.3.250.7250 / 7.3.250.7250 |
| CO2, Temporarily Abandoned                       | SESE<br>(P)    | SWSW<br>(M)                | SESW • SO                    | -025-05501<br>(O) 3                    | 0-025-05497                     | L 4<br>30-02                         | 5-0748430 <sup>1</sup> 025-3     | 30-025-21966 <sup>30-0</sup><br>6247 30-025-36286<br>30-02<br>30-025-12501  | P30-025-                                      | 36242 (M) 30-                          | 025-2302230-025-0                                  | 7441 (30-025-3                                | 30-025-34644<br>5384 30-025-0744               | SWSW<br>2 (M 30-025-1   | SESW<br>23246 30-025-2330<br>2500 -30-025-12                             | 9WSE<br>1 030-025-07             | SESE<br>414 (Re)Dr                                   | (M) WU(N)   |
| Gas, Active                                      | SESE 26        | swsw<br>(M)                | SESW<br>(N)                  | 25 SWSE                                | SESE 30                         | -025-05493<br>*30±025-0748           | 30-025-28886                     | 30-025-12501<br>30 30-025-21965   | 30-025-2895930-                               | 025-07473<br>23144 30-025-074          | 48 30-025-35674                                    | 30-025-0744<br>9 •• swse                      | 5 30-025-3<br>30-025-35672                     | 744430-025-37191<br>•30-025-12496                             | 30-025-31,663 <b>30-02</b>   | 5-12498 Laught<br>-30-025-12489  | In Dr 30-025 0                                       | 30-025-07408<br>7411 27   |
| Gas, Cancelled                                   | <del>(,,</del> | (m)                        | 1.00                         | (0)                                    | -025-05541                      | 0 025-05539                          | , (N)                            | W (On) er St  | 30-025  | 30-025-3566<br>-0749030-025-0751       | 30-025-28413                                       | 30:025:35670                                  | 30-025-29017-                                  | 30-025-3567-1<br>25-07516 30-02                               | 30-025-29026<br>30-0   | (O)<br>25-07564 30±025           | 29199 <del>Sanger S</del>                            | 30-025-07409  |
| Gas, New   | NENE<br>(A)    | NWNW                       | NENW                         | NWNE                                   | NENE                            | 30-025-07512<br>L 1                  | 025-07511<br>NENW                | 30-025-07491<br>0-025-07503<br>130-025-0  | 7496 NENE 30-                                 | 025-07494<br>025-22627                 | 07528 30-025-30                                    | 30-025-3026:<br>258) 30-025-0                 | 7517 NENE 30-02                                | 30-025-1250<br>5-35820WWW 30-0                                | 5<br>25-12508 30-025-23  | 97555<br>30-025-34994            | 30-025-28  | 299<br>556 NW 30-025-28968  |
| Gas, Plugged                                     | 7              | (D)                        | (C)<br>18S 37E               | (B)                                    | (A)                             | 1                                    | (c)                              | 20 025 27429 3  | 0-025-27060                                   | 74)                                    | 30-025-3565730-0                                   | 30-025-35667 E                                | 5-35304 30-025                                 | 34964 (D) 3   | 0-025-3464330-025-<br>-025-44718   | 44719 B  <br>W Scharbau          | erSt 2   | 2967730-025-07575   |
| Gas, Temporarily Abandoned                       | ß5             |                            |                              | 36                                     | 0-025-05540 30                  | -025-09926 30                        | 025-07513 30                     | 0-025-97506   | 30-   | 30-025-075                             | 26<br>7 30-025-27440                               | 30-025-125                                    | 30-025-35726                                   | 30-025-29074  | 30-025-26975 33  | 25-29065 30-025                  | 2 5  | W linton :  |
| ∠ Injection, Active                              | SENE<br>(H)    | SWNW (E)                   | SENW<br>(F)                  | SWNE (G)                               | SENE<br>(H)                     | L2 0                                 | 0-025-07514<br>SENW<br>(F30-025  |   |   |  |  |   | 025-3615030-025-                               |   |  | 30-025-0754830                   | -025-0755451<br>-025-0755451<br>                     | 30-025 28309<br>5-28268   |
| Injection, Cancelled                             | (")            | (6)                        | 101                          | (0)                                    | (11)                            |                                      | (1-30-9)                         | 0750430-025-07492<br>30-02  | 30-025-2<br>5-30204 •                         | 888730-025-36245                       | 30-025-28944                                       |   | 8 30-025-29198                                 | 30-025-07559<br>30-025-0756                                   | (5 30-025-4<br>30-025-07560  | 30-025-07552 <sup>30</sup>       |  | 025-34997   |
| Injection, New                                   |                |                            |                              |  | 30                              | -025-22753 30-                       | 025-0750                         |   | 20 025 27244                                  | W30-025-075                            | 27 30-025  | 0752130-025-075                               | 38 30  |   |  | 4,000                            | Can St   | 30-025-28969 C  |
| Injection, Plugged                               | NESE<br>(1)    | NWSW<br>(L)                | NESW<br>(K)                  | NWSE.                                  | NESE<br>(1)                     | L3                                   | NESW<br>K)                       | NW 30-025-1   | 2503 30-025-075                               | 0130-025-23045<br>25-07530 30          | -025-35385   | 23035 <sub>NW</sub> SE •3                     | 23309<br>0-025-34374 30-0                      | 25-07544<br>NWSW<br>30-025-07549                              | 30-025-07545 30-<br>3195 30-025-43282<br>730-025-07<br>5-34980 30-025-07 | NWSE 31                          | 30-02<br>0-025-38572<br>0-025-28269<br>030-025-28269 | 5-2658330-025-28331<br>30-025-07574   |
| Injection, Temporarily Abandoned                 | 2              | 127                        | (4)                          | (5)                                    | (1)                             |                                      | 1.7                              | 30  | -025  | 5-35451                                | 30-025-27139                                       | 30-025-2917                                   | 30-025-07542                                   | 30*02   | 5-34980<br>30-025-26834  | 30-025-30                        | 30-025-28269   | 30-025-28 08  |
| Oil, Active                                      | 35 4           | di.                        | 18S 37E                      | 36 w                                   | Dunnam St _ s                   | 18S                                  | 38E<br>0-025-07510               | 31 30-0<br>0-025-07508 30-0   | 25.07502                                      | 30-025-1004                            | 028-07534 30-0                                     | 25-07533                                      | 30-025-28                                      | 30-025-35534  | 30-025-26834<br>1472130-025-44720<br>30-025-34993                        |                                  | 8 8  | 30-025-35342  |
| Oil, Cancelled     Oil. New                      | SESE<br>(P)    | SWSW 30-0                  | 025-12803SW 2<br>(N) 8       | SWSE (O)                               | SESE 8                          | L4                                   | SESW                             | SWSE<br>(O)   | SESE 30-0                                     | 25-12502 SW = 300025.075               | 30-025-31662<br>30-025-28265<br>23 (N)<br>30-025-0 | 30-025-354523                                 | 25 20006                                       | 8Wc30-025-0<br>07536 <b>7∉30-025-0</b> 7                      | 7543 SE 30-025-07<br>550 ( 130-025-35                                    | 547 30-025-12<br>111 30-025-2400 | 757 SE30-025-075                                     | 61 SW 30-025-07572<br>565 (N30-025-07576  |
| Oil, Plugged                                     |                |                            |                              | SA                                     | 00                              |                                      | , T                              | 147   | 30-02   | 0749830-023-075                        | 30-025-0   | 752430-023-0733                               | 30-025-28266                                   |   | 16   | 30-025-28267                     | 8  | 30-025-28333  |
| Oil, Temporarily Abandoned                       | L 1 02         | L4                         | L3 (                         | L 2 <sub>rksbba</sub>                  | LI                              | L4 6                                 | -025-07649<br>L 3                | 0-025-07647 <sub>2</sub> 30-025-07647 <sub>2</sub> 310  | -30:025:28304<br>-025-07640 30-02             | 25-07636                               | 30-025-0<br>L3 0                                   | 07624 <sub>30-025-0</sub> 761                 | 4 L1   | L4  | L3 04  | L2                               | 30-025-28307   | 103 03 L3   |
| △ Salt Water Injection, Active                   | Airport        | 198 37                     | E                            | Club                                   |                                 | 198                                  |                                  | 5-29448   | 0-025-07635                                   | *30:025-289                            |  | 20  | 025 2075230-025-                               | 7619 0 30-025-0   | 7605 30-025-   | 8306 •30-025-07                  | 620 -30.025.07                                       | 508   |
| A Salt Water Injection, Cancelled                | 41,25          | L4                         | L3                           | L2                                     | L1                              | L4                                   | 025-27622<br>L 3                 | 30-025-29458  | 30 025 28973                                  | 30-025-28974                           | 30-025-26115                                       | L2  | 30-025-28978 <sub>30-02</sub>                  | 5-35318, 4 30-024   | 31420L3 30-025   | 2090230-025-3142                 | 1 L1 30-025  | 29756 30-025 29757<br>W Huy Ne St   |
| △ Salt Water Injection, New                      | SENE           | 1/1                        |                              | Hobbs                                  |                                 |                                      | 3                                | 0-025-07648 30-<br>SWNE 30-   | 025-07641 30-0<br>30 <sub>-</sub> 025         | 25-29519<br>30-025-07                  | 62830-025-276283                                   | 0.025.20092                                   | 30-025-35305                                   | 30.025.29   | 730 30-025-3   | 7269 30-02                       | 5-31419  | W Main St   |
| △ Salt Water Injection, Plugged                  | (H)            | SWNW<br>(E)                | SENW<br>(F)                  | (G)                                    | SENE<br>(H)                     | L 5<br>19S 38E                       | SENW<br>( F )<br>30-025          | (G)   | 025-07639<br>( H )<br>30-025-2945             | SWNW<br>SWNW<br>(Æ) Midwe              | 1076310 30-025-0                                   | 7630 SWN30-025                                | 07670 SENE<br>(H)                              | 5WNW<br>(E) 30-   | 025.07507  | 30-025-31422                     | (AP)   | 5-07589<br>1W 30-025-26120<br>(E)   |
| Salt Water Injection, Temporarily Abando         | oned           |                            | 19S 37E                      |  |                                 | 130 302                              | 30-023                           | 0   | •   | 30-025-26118                           | 30-025-28980                                       |   | 30-025-29084                                   | 30-025-28981  | 30-025-3142830-  | 025-28339,                       | T  | 8 % WSM   |
| <ul> <li>Water, Active</li> </ul>                | Past<br>As     | o val                      |                              |  |                                 |                                      | 30-025-0764630                   | 100   | 5-0764430-025-0                               | 764230-025-44611                       | 30-025-44313                                       | 07672 20 026                                  |  |   | 42593<br>-42594<br>30-0  | 25-31423                         | 30-025-28340 30-<br>025-4264630-025                  | 025-28341<br>-42648<br>-4269, 30-025-26622  |
| Water, Cancelled                                 | (I)            | (L)                        | NESW<br>(K)                  | (J)                                    | NESE<br>(1)                     | L6                                   | (K)                              | NWSE'   | 30-025-44312                                  | (JE)                                   | (K)  | (d) 30-0<br>30-025-29085                      | 25-076174) 6 3                                 | 0-025-43102-30-02   | 5-43098  | . 100                            | 304025   | (K)<br>42696 30-025-07591   |
| Water, New                                       | NESE           | NWEW                       | NESW                         | NWSE                                   | NESE                            | L6                                   | NESW                             | NWSE  | *30-025-29443<br>NESE                         | NWSW                                   | RE30-025-28  | 982 NWSE                                      | NESE   | 983 NWSW  | 30-025-28343 A   | 0-025-28344                      | 30-025-28345   | NWSWE WNESW   |
| <ul> <li>Water, Plugged</li> </ul>               | (+)            | -(1)                       | (к)                          | (3)                                    | (1)===                          |                                      | (K)                              | HOBBS OL FIE 30-  | .0  | 0 025-07643 30                         | 025-07632 30<br>Ø 30                               | 025-29521 <sup>)</sup> 30-<br>-025-07633 •30- | 125-24447 Ø                                    | -025-28984<br>30-025-   | (K)<br>07612 30-025-0  | 608 30-025-0                     |  | 554 (L) W (K)<br>5-28346 W Pal<br>7609  |
| <ul> <li>Water, Temporarily Abandoned</li> </ul> | SESE02         | swsw (M)                   | SESW 0                       | SWSE                                   | SESE<br>(P)                     | L7                                   | (N)                              | 30 <sup>1</sup> 025-44309   | SESE (P)                                      | 30±025-2941                            | SESW 0<br>(N)<br>30-025-425                        | 5<br>592 30-025-2905                          | SESE<br>4 30-025-2898                          | SWSW<br>(M)   | 07612 30-025-07<br>SESW 04   |                                  | (P) 30-03  | 8 NSW 30.025-25124<br>15-28347 E (N)  |
| ? undefined                                      |                |                            |                              | (0)                                    |                                 |                                      | /                                | . (0)   |   | 7                                      | 0.005.00500  |   | 30-025-28989<br>30-025-07618                   | 30-025-28986<br>30 <u>-</u> 025 <u>-</u> 431,0430 <u>-</u> 02 | 5-4310030-025-431  | (0)                              | 0-029-2835130-02                                     | 30-025-07583<br>5-28352   |
| OCD Districts and Offices                        | NENE           | 7                          | 195 37E                      | NWNE                                   |                                 | 7 /                                  |                                  | NWNE  | 30  | 025-07650 30.                          | 025-07654  | 30-025-3095                                   | 0 <b>25-12512</b><br>4 30-025 <u>-07</u> 65230 |   |  |                                  | · /  | 30-025-28353  |
| OCD Districts and Offices                        | (A)            | NWNW<br>(D)                | NENW (C)                     | (B)                                    | NENE<br>(A)                     | L1                                   | (C)                              | (B)   | (A)   | (D)                                    | (C) 0  | * (B)<br>8 30-                                | 25-31933                                       | (D)   | (C) 09   | (B) -                            | NEA30-025-22<br>(A)                                  | 754\W NENW (C)  |
| *  |                |                            | 051011                       |  | SENE                            |                                      | - CENTRE -                       | CHART   | - OFNE  | SWNW                                   | OFMIN  | CHINE   | orair.   | SWNW 30.  |  | 0-025-28357 30 0:                | 30-02  | 5-28359   |
|  | SENE<br>(H)    | SWNW<br>(E)                | (F)                          | (G)                                    | SENE<br>(H)                     | L2                                   | SENW<br>(F)                      | SWNE<br>(G)   | SENE<br>(H)                                   | (E)                                    | (F) 30-0   | 025-07655 30-                                 | 025-12513                                      | (E) SWNW 30-  | 025-07670V 30-0  | (G) 30-02                        | 7674 20.025  | SW130-025-43107<br>(E) (F)  |
| Public Land Survey System                        | SENE<br>(H)    | SWNW<br>(E)                | SENW<br>(F)                  | SWNE<br>(G)                            | SENE<br>(H)                     | L2                                   | SENW<br>(F)                      | SWNE<br>(G)   | SENE<br>(H)                                   | SWNW<br>(E)                            | SENW<br>(F)  | SWNE<br>(G)                                   | SENE<br>(H)                                    | SWNW<br>(E)   | SENW<br>30-033-28362   | 30-025 28363                     | 930-025-07<br>SENE<br>(H)                            | 663<br>(30-025-44608<br>(E <sup>30</sup> -025-07678   |
| PLSS Second Division                             |                |                            | 19S 37E                      |  |                                 |                                      |                                  |   |   |  |  |   |  |   | 30.0   | 30-025-28363                     | 0-025-28364  | 20265   |
| 72   | 11<br>NESE     | NWSW                       |                              | 2<br>NWSE                              | NESE                            | 198                                  | 38E<br>NESW                      | 07<br>NWSE  | NESE  | NWSW                                   | NESW 0   | 8<br>NWSE                                     | NESE   | 25-0765130-025-0  | 7666 09  |                                  | 7668 30-025 0  | 7659 30-025-07675   |
| PLSS First Division                              | (I)            | (L)                        | (K)                          | (J)                                    | (1)                             | L3                                   | 1K)                              | (1)   | (1)   | (L)                                    | (K)  | (1)   | (1)  | (L)   | (K)  | (·J) 20.02                       | 5.44211  | (K) partment. City of Hobbs.  |
|  | SESE (P)       | swsw                       | SESW (N)                     | swse                                   | SESE (P)                        | L4                                   | SESW                             | SWSE (0)  | SESE  | SWSW (M)                               | SESW (N)   | SWSE (0)                                      | SESE (P)                                       | Bureau of Land Mana<br>(M)                                    | gement Texas Parks &   | Widtle Egi, HERE, G              | armin INCREMENT                                      | partment, City of Hobbs,<br>P. Integra <b>nd-625, 2052</b><br>A. EPA USOA, OCD <b>200</b>   |
|  |                |                            |                              | -                                      |                                 |                                      | -                                |   |   | -                                      | -  |   |  |   | -  |                                  |  |   |

| API NUMB   | OPERATOR                  | LEASE<br>NAME               | WELL<br>NO. | WELL<br>TYPE | STATUS                       | FTG.<br>N/S | N/S | FTG.<br>E/W | E/W | UNIT | SEC. | TSHP. | RNG. | DATE<br>DRILLED | TVD<br>(ft) | HOLE<br>SIZE (in)             | CSG.<br>SIZE (in)         | SET<br>AT (ft)              | SX.<br>CMT.             | CMT.<br>TOP (ft)                           | MTD.                  | COMPLETION                         | REMARKS                    |
|------------|---------------------------|-----------------------------|-------------|--------------|------------------------------|-------------|-----|-------------|-----|------|------|-------|------|-----------------|-------------|-------------------------------|---------------------------|-----------------------------|-------------------------|--|-----------------------|------------------------------------|----------------------------|
| 30-025-076 | OCCIDENTAL PERMIAN<br>LTD | SOUTH<br>HOBBS G/SA<br>UNIT | 013         | Injection    | Plugged,<br>Site<br>Released | 330         | z   | 2310        | ×   | C    | 5    | 198   | 38E  | 0               | 4243        | UKNW<br>UKNW<br>7.875<br>UKNW | 16<br>10.75<br>6.625<br>5 | 163<br>2764<br>3920<br>4190 | 55<br>300<br>150<br>150 | Surf<br>UKNW<br>2540-3250,<br>3890<br>UKNW | Circ<br>0<br>CBL<br>0 | 4044'-4243'<br>GRAYBURG-SAN ANDRES | Well Plugged on 09/05/2019 |

08/30/2019 - Cement squeezed perforations with 200 sacks of cement. CICR at 4000', cement at 2006'

09/03/2019 - Perforated at 2700' could not stablish rate. Spotted plug mud to 1800', spotted 20 sacks of cement and displaced with mud. Cement tagged at 2484'. Perforated casing at 1850'. Spotted plug mud and 50sacks of cement, displaced with plug mud.

909/04/2019 - Tagged cement at 1360'. Perforated casing at 250, could not circulate to surface. Perforated casing at 90', could not circulate to surface. Spotted cement from 289' to surface and squeezed with 25 sacks of cement. Cement kept falling. Filled casing with cement until cement staved at surface.

09/05/2019 - Checked intermediate casing pressure: 0 psi. Rigged down and cleaned up location.

