

District I - (575) 393-6161  
1625 N. French Dr., Hobbs, NM 88240  
District II - (575) 748-1283  
811 S. First St., Artesia, NM 88210  
District III - (505) 334-6178  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV - (505) 476-3460  
1220 S. St. Francis Dr., Santa Fe, NM 87505

OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

|                                                                                                     |
|-----------------------------------------------------------------------------------------------------|
| WELL API NO.<br>30-015-34444                                                                        |
| 5. Indicate Type of Lease<br>STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/> |
| 6. State Oil & Gas Lease No.                                                                        |
| 7. Lease Name or Unit Agreement Name<br>H. Buck State                                               |
| 8. Well Number 4                                                                                    |
| 9. OGRID Number<br>16696                                                                            |
| 10. Pool name or Wildcat<br>Pierce Crossing Bone Spring East                                        |

**SUNDRY NOTICES AND REPORTS ON WELLS**  
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well: Oil Well ☒ Gas Well ☐ Other ☐

2. Name of Operator  
OXY USA Inc.

3. Address of Operator  
P.O. Box 50250 Midland, TX 79710

4. Well Location  
Unit Letter H : 2310 feet from the North line and 330 feet from the east line  
Section 16 Township 24S Range 29E NMPM County Eddy

11. Elevation (Show whether DR, RKB, RT, GR, etc.)  
2927'

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

| NOTICE OF INTENTION TO:                                            |                                           | SUBSEQUENT REPORT OF:                            |                                          |
|--------------------------------------------------------------------|-------------------------------------------|--------------------------------------------------|------------------------------------------|
| PERFORM REMEDIAL WORK <input type="checkbox"/>                     | PLUG AND ABANDON <input type="checkbox"/> | REMEDIAL WORK <input type="checkbox"/>           | ALTERING CASING <input type="checkbox"/> |
| TEMPORARILY ABANDON <input type="checkbox"/>                       | CHANGE PLANS <input type="checkbox"/>     | COMMENCE DRILLING OPNS. <input type="checkbox"/> | P AND A <input type="checkbox"/>         |
| PULL OR ALTER CASING <input type="checkbox"/>                      | MULTIPLE COMPL <input type="checkbox"/>   | CASING/CEMENT JOB <input type="checkbox"/>       |                                          |
| DOWNHOLE COMMINGLE <input type="checkbox"/>                        |                                           |                                                  |                                          |
| CLOSED-LOOP SYSTEM <input type="checkbox"/>                        |                                           |                                                  |                                          |
| OTHER: <u>Live, Peat, Frac</u> <input checked="" type="checkbox"/> |                                           | OTHER: <input type="checkbox"/>                  |                                          |

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

See Attached.

NM OIL CONSERVATION  
ARTESIA DISTRICT  
JAN 18 2018

RECEIVED

Spud Date:

Rig Release Date:

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE David Stewart TITLE Sr. Regulatory Advisor DATE 1/12/18

Type or print name David Stewart E-mail address: david\_stewart@oxy.com PHONE: 432-685-5717

For State Use Only

APPROVED BY: [Signature] TITLE Staff Mgr DATE 1-18-18  
Conditions of Approval (if any):

**Well Prep Procedure:**

- MIRU PU and rig equipment
- Ensure well is dead
- MU tubing equipment and POOH w/ 2-3/8" tubing send to yard for inspection
- RIH with cleanout BHA

**BHA as following per Mohawk Energy design:**

**Table 1. Recommended Clean Out/Drift BHA - (Exact BHA can change depending on connections)**

| Qty  | Description                     | Mohawk Part Number | Connection Up       | Connection Down     | Supplier |
|------|---------------------------------|--------------------|---------------------|---------------------|----------|
| -226 | 2-7/8" 10.4# S-135 AOH          |                    | 2-7/8" AOH Box      | 2-7/8" AOH Pin      | Operator |
| 1    | Crossover                       |                    | 2-7/8" AOH Box      | 2-7/8" 7.9# PH6 Pin | Operator |
| -110 | 2-7/8" 7.9# P-110 PH6           |                    | 2-7/8" 7.9# PH6 Box | 2-7/8" 7.9# PH6 Pin | Operator |
| 1    | Ball drop drain sub 625 psi/pin | P-02339            | 2-7/8" 7.9# PH6 Box | 2-7/8" 7.9# PH6 Pin | Mohawk   |
| 1    | Crossover                       | P-02353            | 2-7/8" 7.9# PH6 Box | 2-7/8" API Reg Pin  | Mohawk   |
| 1    | 4.798" String mill              | O-00338            | 2-7/8" API Reg Box  | 2-7/8" API Reg Pin  | Mohawk   |
| 1    | String Magnet                   |                    | 2-7/8" API Reg Box  | 2-7/8" API Reg Pin  | Mohawk   |
| 1    | 4.798" String mill              | O-00338            | 2-7/8" API Reg Box  | 2-7/8" API Reg Pin  | Mohawk   |
| 1    | Bit Sub                         | P-02382            | 2-7/8" API REG Box  | 2-7/8" API REG Box  | Mohawk   |
| 1    | Venturi Basket                  |                    | 2-7/8" API Reg Box  | N/A                 | Mohawk   |

- RU power swivel if needed and cleanout to PBTD (use air foam unit/ nitrogen for circulation if needed)
- POOH with BHA and work string
- RIH with work string to 7000' and test casing to 6200 psi or max treating pressure, whichever is lower.
- Bleed off pressure and RBIH to latch on RBP, release RBP and begin POOH LD w/ RBP, Packer and 2-7/8" tbg
- MIRU Mohawk Energy, prep to RIH w/ 4-1/4" 13.1 Liner @ approximately 7794-10632' per the following Mohawk Procedure:

## **Mohawk Enemy RIH Procedure**

### **Liner Make Up and Deployment:**

1. Conduct a safety meeting. Go over parameters such as number of joints to pick up, safe running speeds, safe running weights, and important depths. Mohawk rep will discuss circulation tool function.
2. Discuss well control options before running the liner.
3. Rig up Mohawk liner lifting subs, T1W valve, and circulating crossover subs.
4. Rig up casing handling equipment including slips and bowls, flush joint elevators, and tongs (if used).
5. Pick up setting tool with elevators using Mohawk's lift nubbin as a shoulder. Run in hole and set in slips (some applications require the slips to be set on the seal joint). Install a safety clamp.
6. Make up liner in final proposed order per *MetalPatch* liner tally sheet.
  - Install lift nubbin on each joint.
  - Mohawk's proprietary r2m thread is made up dopeless. Do not put dope on r2m threads.
  - Make up each r2m connection with Mohawk provided wrenches or to 1,300 ft-lbs with casing crew tongs.
  - Install safety clamp on every joint.
  - Designate one man to watch the lift nubbin while making up joints to ensure it spins freely and does not back off while making a connection.
7. After running all liner joints, pick up the exit joint with the exit joint lift nubbin. Land the exit joint as low as possible in the slips.
8. Rig up the Mohawk false rotary table on top of the exit joint.
9. Swap over to the Mohawk inner string circulating crossover assembly.
10. Rig up the work string slips on top of the Mohawk table. Cover the hole.
11. Swap all handling equipment to run work string inside of the Mohawk liner joints.
12. Pick up the inner string BHA (please see Table in page 13 above). Use minimum dope only on the pins.
13. Check tally and have a meeting to discuss latch-in depth (the inner string BHA will latch into the setting tool and pick up the liner).
14. Begin tripping in hole with work string:
  - Confirm latch-in depth.
  - 10ft above the setting tool, slow the trip in speed to 10 ft/min.
  - Continue to run in hole and latch into the setting tool by slacking off.
  - After latching in, pick up slowly and check to see the tool is latched and the liner lifts out of the slips.
  - Set down and pick up again to check latch-in (resetting the slip and bowl may be required).
  - Use Mohawk supplied jack to confirm tool is latched in for liners less than 100ft (see Appendix 5).
  - Pick up out of the slips.
15. Rig down the work string slips, rig down Mohawk table, and rig down the liner slips.
16. Rig up the work string slips and begin running the liner in the hole.
  - RIH 1 min/stand
  - If anything is tagged while RIH, notify a Mohawk representative.
  - Use caution on and off slips to avoid jarring the liner.
  - Circulate through tool at 0.5 BPM every 50 stands for 3 BBL.
  - If in a horizontal, take pick up and slack off weights before entering the lateral.
  - Monitor pick up and slack off weights.
  - After entering the lateral, pump down tubing 0.5 BPM every 10 stands.

17. Trip in hole to setting depth.

18. If using a plug or no-go for depth correlation, tag the plug and pull up accordingly.

19. If only using the tally for depth, run in past the target by at least 1 joint, pull back up to setting depth and measure depth while on up weight.

### Mohawk Energy Flush Joint Specification Data Sheet

#### **4.25 Inch, 0.31 wall x 5.5 Inch, 20 lb/ft**

#### **FracPatch Specifications**

#### **Expandable Pipe Body**

| Pre-Expansion  |        |        | Post Expansion  |        |        |
|----------------|--------|--------|-----------------|--------|--------|
| OD             | 4.250  | inches | OD              | 4.678  | inches |
| ID             | 3.630  | inches | ID              | 4.084  | inches |
| Wall Thickness | 0.310  | inches | Wall Thickness  | 0.297  | inches |
| Weight         | 13.100 | lb/ft  | Drift           | 4.024  | inches |
| Drift          | 3.505  | inches | Internal Yield  | 10,296 | psi    |
| Seal Joint OD  | 4.490  | inches | Collapse        | 6,024  | psi    |
| Seal Thickness | 0.120  | inches | Expansion Ratio | 12.497 | %      |

#### **Expandable Connection**

| Pre-Expansion      |         |         | Post Expansion     |         |        |
|--------------------|---------|---------|--------------------|---------|--------|
| Connection OD      | 4.310   | inches  | Connection OD      | 4.738   | inches |
| Connection ID      | 3.600   | inches  | Connection ID      | 4.084   | inches |
| Drift              | 3.505   | inches  | Drift              | 4.024   | inches |
| Tensile Rating     | 142,286 | lbs     | Internal Yield     | 10,296  | psi    |
| Compressive Rating | 142,286 | lbs     | Collapse           | 6,024   | psi    |
| Max DLS            | 36.01   | */100ft | Tensile Rating     | 151,612 | lbs    |
| Optimum Torque     | 1,360   | ft-lbs  | Compressive Rating | 136,451 | lbs    |
| Max Torque         | 1,496   | ft-lbs  | Yield Torque       | 1,700   | ft-lbs |

### Mohawk Energy Setting Tool:

#### **Appendix A1: Setting Tool**

|                           |                           |
|---------------------------|---------------------------|
| Tool connection up        | 1/2" - 1/4" (1/2" - 1/4") |
| Tool weight               | 1.0                       |
| Tool length               | 4.0 ft                    |
| Expansion stroke          | 2.0 ft                    |
| Max dog-leg severity      | 25°/100ft                 |
| Axial load rating         | 200,000 lbs               |
| Max pressure              | 4,000 psi                 |
| Max temperature           | 400° F                    |
| Circulation flow rate     | 30 gpm                    |
| Valve shut off flow rate  | 40 gpm                    |
| Pressure/force conversion | 44 lb/psi                 |

|                                  |                   |
|----------------------------------|-------------------|
| Event                            | Pressure or Force |
| Stabbing sub latching load       | 500 lbs           |
| Max. slack off during deployment | 18,000 lbs        |
| Max overpull during deployment   | 25,000 lbs        |
| Drive unit shear disk            | 1,750 psi         |
| Tool reset                       | 3,000-5,000 lbs   |
| Safety burst disk relief         | 5,000 psi         |



**Liner Expansion Procedure:**

1. Once depth, conduct a safety meeting. Review all tallies and confirm depths.
2. Rig up the pump-in sub, tubing swivel (chicksan), high-pressure hose, and expansion pump on to the tubing.
3. Pressure test surface lines to 6000 psi:
  - Ensure the liner is in exact position prior to starting the test.
  - Ensure pump kick-outs (or pop offs) are working.
  - Ensure there is a way to bleed pressure from tubing.
4. Open tubing and pump through the Mohawk setting tool, break circulation if well allows.
  - Ensure the liner is in exact position prior to circulating.
  - Set kick-outs to 500psi.
  - Do not exceed 0.5 BPM flow rate to circulate.
  - If pressure increases while circulating, do not bleed off.
5. After circulation, set kick-outs to 4000 psi.
6. Increase rate to 1 BPM, pressure will begin to build. Bring pressure to 3,500 psi and hold for 1 minute (hold first stroke only).
7. Bleed tubing down to zero pressure.
8. Mark the work string at the slips for reference.
9. With the rig, pull the tubing to reset the tool with 3,000-5,000 lbs over string weight or 3' (whichever occurs first). Mark the new position and measure.
10. Repeat Steps 6 through 9 until all lower seals are expanded.
11. After lower seals are expanded, begin pulling out with the rig:
  - Mohawk will recommend max hook loads to ensure safe operations.
  - Pull force will be string weight plus expansion force.
  - Expansion force can vary as the expansion tool moves through connections and wellbore restrictions.
  - If max hook load is seen, stop, slack down to neutral hook load, rig up the hose, and repeat Steps 6-9.
  - Pup joints can be on location to help with slacking down.
12. Stop expansion before reaching the upper seals.
  - Check progress using pipe tally.
  - Keep stretch in mind when calculating position.
13. Rig up the high pressure hose on to the tubing.
14. Increase rate to 1 BPM, pressure will begin to build. If liner compression is required, follow Mohawk direction. Otherwise, increase pressure to 3,700 psi.
  - Bring pressure to 1,000 psi and hold.
  - Slack down with pressure on tubing to compress the liner.
  - Increase pressure to 3,700 psi. While holding pressure, pick back up to neutral.
15. Bleed tubing down to zero pressure.
16. Mark the work string at the slips for reference.
17. With the rig, pull the tubing to reset the tool with 3,000-5,000 lbs over string weight. Mark the new position and measure.
18. Repeat steps 14-17 until upper seals are expanded:
  - Use pipe tally and pressure response to gauge when the upper seals have been expanded.
  - Upper seals should be expanded with hydraulic expansion and not mechanical over pull.
19. Clear the rig of all unnecessary personnel.
20. Begin expanding the liner by pulling with the rig.
  - Pull slowly. - Hook load will decrease once the setting tool exits the liner.
  - When exiting the top of the patch insure all pressure has been bled off the tubing.
21. Tag the top of the liner and confirm depth, estimated Top of liner at — 8,400' (Existing Top Perf at 8400')
22. Drop ball to open drain sub.
23. POOH and laydown all Mohawk tools
24. RDMO PU

**Well Prep-Coil tubing TCP and stimulation operation**

- Conduct pre-job safety meeting – discuss scope of work and hazard
- Check wellhead pressure and bleed off pressure if any to grounded flowback tank
- MIRU Cameron WH Company and equipment.
- Install 10M frac stack on wellhead
- MIRU 2"CTU with TCP guns
- RIH with TCP guns and perforate stage 1 with 4 cluster (per attached perf design)
- Spot 7.5% HCl acid and breakdown stage 1
- RDMO 2"CTU.
- MIRU frac and WL company
- Frac stage 1 per the pump schedule below
- RIH with WL and plug & perf for stage 2 and frac afterwards
- Repeat process for the remaining stages (estimated 13 total stages) – Proposed total perfs @ 7893-10609' and Frac w/ 321757g Slickwater w/ 300000# sand, see attached for details.
- RDMO frac and WL company
- Open well to flowback

**Well Clean out and Flowback Procedure**

- Hold Pre-job safety meeting, discuss scope of work and hazards
- Check well head pressure- bleed off pressure if any to grounded flowback tank
- MIRU 2" CT unit, PU 3-1/2" JZ bit, (Mohawk liner, 4.25"OD, RIH and DO plugs and CO to PBTD
- Circulate hole clean w/ N2 if needed
- RDMO CT unit
- MIRU PU and casing crew
- RDMO PU
- Turn well to production.
- An artificial lift procedure will be provided once flowback operations completed.

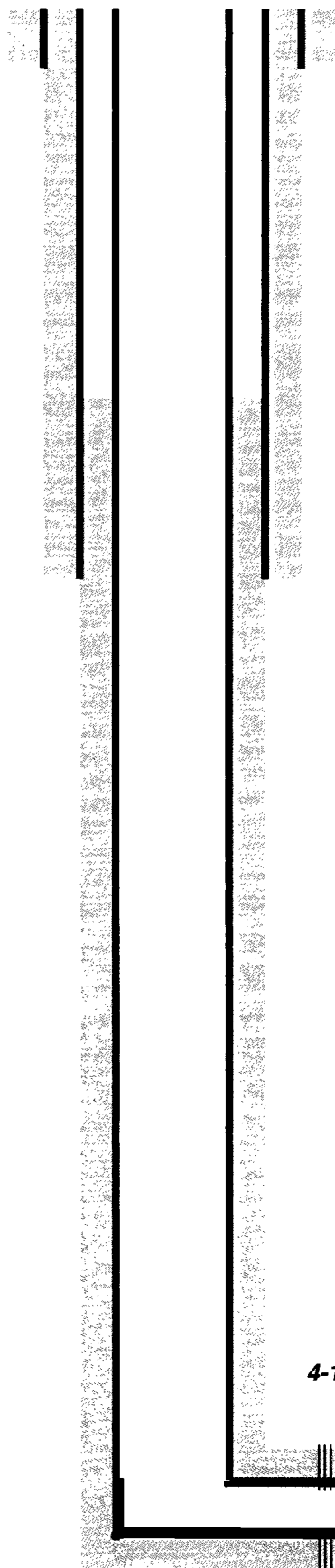
**Propose Perforation & Plug Depth**

| Stage | Depth   | Perforation Cluster |           |           |           | Plug top |
|-------|---------|---------------------|-----------|-----------|-----------|----------|
| (#)   | (ft)    | Cluster 1           | Cluster 2 | Cluster 3 | Cluster 4 |          |
| 1     | Top     | 10,609              | 10,564    | 10,519    | 10,474    | 10,434   |
|       | Bottom  | 10,608              | 10,563    | 10,518    | 10,473    |          |
|       | Hole    | 6                   | 6         | 6         | 6         |          |
|       | Phasing | 60 Deg              | 60 Deg    | 60 Deg    | 60 Deg    |          |
| 2     | Top     | 10,394              | 10,349    | 10,304    | 10,259    | 10,219   |
|       | Bottom  | 10,393              | 10,348    | 10,303    | 10,258    |          |
|       | Hole    | 6                   | 6         | 6         | 6         |          |
|       | Phasing | 60 Deg              | 60 Deg    | 60 Deg    | 60 Deg    |          |
| 3     | Top     | 10,179              | 10,134    | 10,089    | 10,044    | 10,004   |
|       | Bottom  | 10,178              | 10,133    | 10,088    | 10,043    |          |
|       | Hole    | 6                   | 6         | 6         | 6         |          |
|       | Phasing | 60 Deg              | 60 Deg    | 60 Deg    | 60 Deg    |          |
| 4     | Top     | 9,964               | 9,919     | 9,874     | 9,829     | 9,789    |
|       | Bottom  | 9,963               | 9,918     | 9,873     | 9,828     |          |
|       | Hole    | 6                   | 6         | 6         | 6         |          |
|       | Phasing | 60 Deg              | 60 Deg    | 60 Deg    | 60 Deg    |          |
| 5     | Top     | 9,749               | 9,704     | 9,659     | 9,614     | 9,574    |
|       | Bottom  | 9,748               | 9,703     | 9,658     | 9,613     |          |
|       | Hole    | 6                   | 6         | 6         | 6         |          |
|       | Phasing | 60 Deg              | 60 Deg    | 60 Deg    | 60 Deg    |          |
| 6     | Top     | 9,534               | 9,489     | 9,444     | 9,399     | 9,359    |
|       | Bottom  | 9,533               | 9,488     | 9,443     | 9,398     |          |
|       | Hole    | 6                   | 6         | 6         | 6         |          |
|       | Phasing | 60 Deg              | 60 Deg    | 60 Deg    | 60 Deg    |          |
| 7     | Top     | 9,319               | 9,274     | 9,229     | 9,184     | 9,144    |
|       | Bottom  | 9,318               | 9,273     | 9,228     | 9,183     |          |
|       | Hole    | 6                   | 6         | 6         | 6         |          |
|       | Phasing | 60 Deg              | 60 Deg    | 60 Deg    | 60 Deg    |          |
| 8     | Top     | 9,104               | 9,059     | 9,014     | 8,969     | 8,929    |
|       | Bottom  | 9,103               | 9,058     | 9,013     | 8,968     |          |
|       | Hole    | 6                   | 6         | 6         | 6         |          |
|       | Phasing | 60 Deg              | 60 Deg    | 60 Deg    | 60 Deg    |          |
| 9     | Top     | 8,889               | 8,844     | 8,799     | 8,754     | 8,714    |
|       | Bottom  | 8,888               | 8,843     | 8,798     | 8,753     |          |
|       | Hole    | 6                   | 6         | 6         | 6         |          |
|       | Phasing | 60 Deg              | 60 Deg    | 60 Deg    | 60 Deg    |          |
| 10    | Top     | 8,674               | 8,629     | 8,584     | 8,539     | 8,499    |
|       | Bottom  | 8,673               | 8,628     | 8,583     | 8,538     |          |
|       | Hole    | 6                   | 6         | 6         | 6         |          |
|       | Phasing | 60 Deg              | 60 Deg    | 60 Deg    | 60 Deg    |          |
| 11    | Top     | 8,459               | 8,414     | 8,369     | 8,324     | 8,284    |
|       | Bottom  | 8,458               | 8,413     | 8,368     | 8,323     |          |
|       | Hole    | 6                   | 6         | 6         | 6         |          |
|       | Phasing | 60 Deg              | 60 Deg    | 60 Deg    | 60 Deg    |          |
| 12    | Top     | 8,244               | 8,199     | 8,154     | 8,109     | 8,069    |
|       | Bottom  | 8,243               | 8,198     | 8,153     | 8,108     |          |
|       | Hole    | 6                   | 6         | 6         | 6         |          |
|       | Phasing | 60 Deg              | 60 Deg    | 60 Deg    | 60 Deg    |          |
| 13    | Top     | 8,029               | 7,984     | 7,939     | 7,894     |          |
|       | Bottom  | 8,028               | 7,983     | 7,938     | 7,893     |          |
|       | Hole    | 6                   | 6         | 6         | 6         |          |
|       | Phasing | 60 Deg              | 60 Deg    | 60 Deg    | 60 Deg    |          |

**Propose Pump schedule**

| Slickwater 2 (5,000 ft) |            |            | 1500 #/ft_50 ft x 4 Clusters_Slickwater_Reduced Fluid |              |              |                   |                      |                   |                     |                  |                 |
|-------------------------|------------|------------|-------------------------------------------------------|--------------|--------------|-------------------|----------------------|-------------------|---------------------|------------------|-----------------|
|                         |            |            | Fluid Information                                     |              |              |                   | Proppant Information |                   |                     |                  |                 |
| #                       | Time [min] | Type       | Rate [bpm]                                            | Clean [gals] | Dirty [gals] | Cum. Dirty [gals] | Description          | Prop. Conc. [PPA] | Description         | Stage Sand [lbs] | Cum. Sand [lbs] |
| 1                       | 0.79       | Acid       | 30                                                    | 1000         | 1,000        | 1,000             | 7.5% HCl             |                   |                     | -                | -               |
| 2                       | 6.08       | Pad        | 90                                                    | 15000        | 20,000       | 21,000            | Slick Water          |                   |                     | -                | -               |
| 3                       | 9.61       | Sand-Laden | 90                                                    | 10000        | 13,635       | 34,634            | Slick Water          | 0.50              | 100 Mesh            | 5,000            | 5,000           |
| 4                       | 13.84      | Sand-Laden | 90                                                    | 12000        | 16,543       | 51,177            | Slick Water          | 0.75              | 100 Mesh            | 9,000            | 14,000          |
| 5                       | 19.14      | Sand-Laden | 90                                                    | 15000        | 20,904       | 72,081            | Slick Water          | 1.00              | 100 Mesh            | 15,000           | 29,000          |
| 6                       | 26.19      | Sand-Laden | 90                                                    | 20000        | 28,174       | 100,255           | Slick Water          | 1.25              | 100 Mesh            | 25,000           | 54,000          |
| 7                       | 36.42      | Sand-Laden | 90                                                    | 29000        | 41,290       | 141,545           | Slick Water          | 1.50              | 100 Mesh            | 43,500           | 97,500          |
| 8                       | 47.00      | Sand-Laden | 90                                                    | 30000        | 43,166       | 184,711           | Slick Water          | 1.75              | 100 Mesh            | 52,500           | 150,000         |
| 9                       | 52.29      | Sweep      | 90                                                    | 15000        | 20,904       | 205,616           | Slick Water          | 1.00              | 40/70 White         | 15,000           | 165,000         |
| 10                      | 57.58      | Sand-Laden | 90                                                    | 15000        | 21,131       | 226,746           | Slick Water          | 1.25              | 40/70 White         | 18,750           | 183,750         |
| 11                      | 64.64      | Sand-Laden | 90                                                    | 20000        | 28,476       | 255,222           | Slick Water          | 1.50              | 40/70 White         | 30,000           | 213,750         |
| 12                      | 72.75      | Sand-Laden | 90                                                    | 23000        | 33,094       | 288,316           | Slick Water          | 1.75              | 40/70 White         | 40,250           | 254,000         |
| 13                      | 80.86      | Sand-Laden | 90                                                    | 23000        | 33,441       | 321,757           | Slick Water          | 2.00              | 40/70 White         | 46,000           | 300,000         |
| 14                      | 0.00       | Flush      | 90                                                    |              |              |                   | Slick Water          |                   | (Flush to Top Perf) |                  | 300,000         |

OXY USA Inc. - Proposed  
H. Buck State #4  
API No. 30-015-34444



17-1/2" hole @ 254'  
13-3/8" csg @ 254'  
w/ 350sx-TOC-Surf-Circ

12-1/4" hole @ 2830'  
9-5/8" csg @ 2830'  
w/ 900sx-TOC-Surf-Circ

8-1/2" hole @ 10686'  
5-1/2" csg @ 10686'  
w/ 2050sx-TOC-1920' CBL

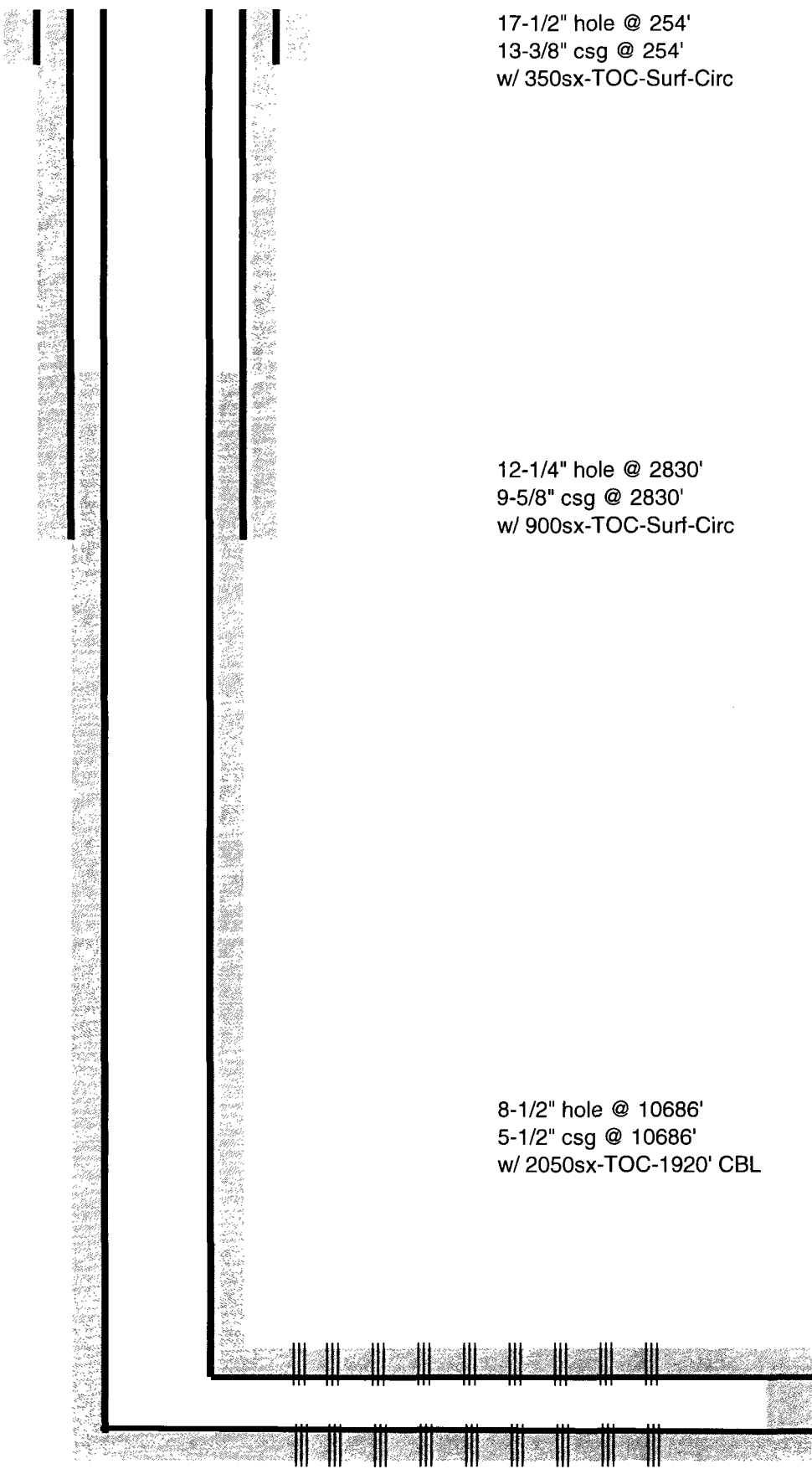
**4-1/4" 13.1# Frac Patch liner @ 7794-10632'**

**Perfs @ 7893-10609'**  
Original Perfs @ 7879-10326'

TD-10686' M 7689' V



OXY USA Inc. - Current  
H. Buck State #4  
API No. 30-015-34444



17-1/2" hole @ 254'  
13-3/8" csg @ 254'  
w/ 350sx-TOC-Surf-Circ

12-1/4" hole @ 2830'  
9-5/8" csg @ 2830'  
w/ 900sx-TOC-Surf-Circ

8-1/2" hole @ 10686'  
5-1/2" csg @ 10686'  
w/ 2050sx-TOC-1920' CBL

Perfs @ 7879-10326' TD-10686' M 7689' V  
PBSD-10642' M 7689' V