

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

RECEIVED
AUG 20 2018

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

5. Lease Serial No. **NM-04207 / Fee**

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on page 2.

1. Type of Well
 Oil Well Gas Well Other

7. If Unit of CA/Agreement, Name and/or No.
Allison Unit

8. Well Name and No.
Allison Unit 145H

2. Name of Operator
Hilcorp Energy Company

9. API Well No.
30-045-29363

3a. Address
382 Road 3100, Aztec, NM 87410

3b. Phone No. (include area code)
505-599-3400

10. Field and Pool or Exploratory Area
Basin Fruitland Coal

4. Location of Well (*Footage, Sec., T.,R.,M., or Survey Description*)
Surface Unit M (SW/SW) 880' FSL & 925' FWL, Sec. 07, T32N, R06W
Bottomhole (HZ1) Unit B (NW/NE) 209' FNL & 1779' FEL, Sec. 13, T32N, R07W
Bottomhole (HZ1/ST1 and 2) Unit H (SE/NE) 1838' FNL & 816' FEL, Sec. 13, T32N, R07W
Bottomhole (HZ2) Unit A (NE/NE) 498' FNL & 1189' FEL, Sec. 18, T32N, R06W
Bottomhole (HZ2/ST1 and 2) Unit G (SW/NE) 2042' FNL & 2555' FEL, Sec. 18, T32N, R06W

11. Country or Parish, State
San Juan, New Mexico

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other <u> Lateral </u>
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	<u> Re-Entry/ </u>
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	<u> Casing Report </u>

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once Testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

AMENDED TO CORRECT TD's

6/14/2018: MIRU. N/D well top valve & N/U adaptor. P/U & N/U BOPs. Torque bolts & N/U hydraulic lines & function test BOPs. Test BOPs & choke, 250 Low & 3000 High. Annular 250 low & 2100 High.

6/15/2018: Test BOPs & Choke 250 Low & 3000 High. Annular 250 Low & 2100 High. P/U whipstock & orientate UBHO sub, P/U HWDP off racks TIH to 2732'. R/D gyro & truck. Set whipstock and mill out window F/2717' to 2731' (POOH w/mills) and L/D same. P/U and M/U directional tools. (Scribe motor and install MWD and M/U bit). TIH w/curve assembly F/surface to 2731'. Fill pipe & start building curve F/2731' to 2760'.

6/16/2018: Slide drlg F/2772' to 3443'. Notified BLM & OCD w/intent to run 4.5" drop liner in production hole.

ACCEPTED FOR PRODUCTION
SEP 04 2018
FARMINGTON FIELD OFFICE
By: *[Signature]*

14. I hereby certify that the foregoing is true and correct. Name (*Printed/Typed*)
Amanda Walker
Title **Operations/Regulatory Technician - Sr.**
Signature *Amanda Walker*
Date **8/20/2018**

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by _____ Title **NMOCD** Date _____

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon. Office **SEP 06 2018**

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Allison Unit 145H
API: 30-045-29363
Casing & Lateral/ST Detail (4)

6/17/2018: Drill & slide F/3443' to **TD @ 5738'** for **HZ1**.

6/18/2018: Back ream to window. TOO H, L/D dir tools. Rig & run liner. R/D csg crew 59 jts, 4 ½". 11.6# N-80 alternating perf and blank jts. TIH w/liner to 5738' and tagged. P/U 20' off bttm and pump off liner. (**TOL @ 3522'**, **BOL @ 5718'**). TIH w/directional tools F/surface to top of window. Orientate motor and trip through window to 3120'. Tagged cont. TIH F/3125' to 3443' and start side track (**HZ1/ST1**) time drilling F/3443' to 3500'. Rotate and slide F/3500' to 3610'.

6/19/2018: Rotate and slide F/3610' to 5510'. Notify BLM & OCD with intent to run 4 ½ liner.

6/20/2018: Rotate and slide F/5510' to 6312'. Pump sweeps & circ hole clean. Make wiper trip pulling tight @ 5690'. B/R out of hole, wipe out key seat F/3050' to 3000'. TIH, Tag @ 3100' W&R to **TD @ 6312'** for **HZ1/ST1**. Circ 2 sweeps around @ 6312'. TOO H (Slow) to run 4 ½" liner. L/D directional assm.

6/21/2018: Rig up & run liner, tag @ 3528'. P/U & L/D 11 times to try to get in sidetrack. TOO H laying down CSH to bend shoe jt. Bend shoe jt, P/U, TIH w/4 ½" liner, tagging @ 3528'. Made numerous attempts turning liner to get into sidetrack (failed). TOO H, L/D 4 1/2" liner. R/D csg tools. M/U smart motor & RR bit. TIH w/same to 2639'. Slip & cut drill line. Install rotate head & cont TIH to 3420'. Line up tool face, get in sidetrack, tagging @ 3528 (liner top appears to have fallen into sidetrack). TOO H F/button bit to attempt to get past top of liner.

6/22/2018: Trouble Call: Call to William Tambekou @ BLM and Charlie Perrin @ OCD to explain that the liner has either fallen into the original lateral, or the hole has collapsed on the sidetrack. The path forward is to start the sidetrack further back @ 3265'. The kickoff point will be the same as in the original plan. Plan was approved by both Charlie and William.

6/22/2018: L/D directional BHA. P/U new mud motor, install lower pay load, scribe BHA. TIH w/drill pipe, to 3247' trough F/3247' to 3262'. Rotate drill & slide lateral F/3262' to 5110'. Circ clean up cycle @ 5510'. Rotate drill & slide lateral F/5110' to 5294.

6/23/2018: Rotate drill & slide F/5294' to **TD @ 6274'** on **HZ1/ST2**. Pump 4 sweeps circ hole clean. TOO H L/D dir tools. M/U shoe jt. Bend shoe jt. TIH. P/U liner run 95 jts 4 ½". 11.6# N-80 alternating perf and blank jts. TIH w/same. Tag TOL @ 3528'. TOO H to curve @ 3200' turn liner. TIH. P/U liner to 6254', pump cap of DP, pump down dart, dropped off liner w/1300 psi. **TOL @ 2733'**, **BOL @ 6254'**. TOO H W/running tool & L/O same. M/U 3 ½" DP, hook & jar, TIH W/same tag whipstock @ 2710'. Latch whipstock, TOO H & L/O same.

Allison Unit 145H
API: 30-045-29363
Casing & Lateral/ST Detail (4)

6/24/2018: R/U wireline, run bridge plug & set @ 2705', collar loc @ 2693.5'. M/U whipstock, TIH to 2650'. R/U wireline gyro run hole, gyro whipstock, orient whipstock, whipstock top @ 2674', bttm @ 2682', pull wireline, R/D Basin. Mill window F/2674' to 2682' & 4' new formation to 2686' (ream & circ thru window) TOW @2674', BOW @2682'. TOO H, L/O milling assm, mills 1/8 under gauge. P/U directional equip to build curve & TIH W/same, tag @ 2686'. Building curve F/2686' to 3087' taking gyro surveys every 30'. Circ sweep around @3087'. TOO H, L/D curve assm. M/U lateral assm, test motor, cont P/U assm & TIH W/same. Drlg **HZ2** F/3087' to 3150'.

6/25/2018: Drlg F/3150' to **TD @ 6328'** for **HZ2**. Notified OCD & BLM on 6/25/18 @ 6:30 about running 4 ½ liner. Circ 4 sweeps around to clean hole to run liner. TOO H L/D dir tools. R/U & run 77 jts 4 ½". 11.6# N-80 alternating perf and blank jts, tracer jt on #71. R/D csg crew. TIH W/drill pipe. **TOL @ 3473'**, **BOL @ 6322'**. Load drill pipe pump off liner @ 1788psi. TOO H L/D pump off tool. P/U smart motor & TIH to 3372'. Begin troughing F/3372' to 3387'. Notified OCD and BLM about running liner on 6/27/2018. Drill & slide F/3387' to 3577'. TOO H F/3577' to 3350' (hole tight)B/R out of hole F/3350' to 3050'. Cont TOO H F/3050 to directional assm. Pull MWD. Re-scribe motor, C/O UBHO sub & MWD. TIH W/Same to 2628'. Slip & cut 110' drill line. Cont TIH F/2628' to Btm @3577'. Drill & slide **HZ2/ST1** F/3577' to 3950'.

6/27/2018: Drill & slide F/3950' to **TD @6484'** for **HZ2/ST1**. Circ sweeps around to clean hole to run liner. TOO H to 3383'. Attempt to get back into **HZ2/ST1** (failed).

6/27/2018: Trouble Call: Call to William Tambekou @ BLM and Charlie Perrin @ OCD to explain that we are unable to reenter the HZ2/ST1 after making wiper trip. Path forward will be to continue to make attempts into original HZ2/ST1, but may end up sidetracking again. The kickoff point will be the same as previously planned. Plan was approved by both Charlie and William.

6/28/2018: Back ream through curve. Clean up key seat F/3100' to 2960' Pull free up to 2922'. TIH F/2922' to 3473'. Tagged previous liner. Pull back up hole to original through depth. Re-trough F/3372' to 3387'. Attempt to find sidetrack. No success. Continue trying to find sidetrack and started new sidetrack @3406'. Attempt to re-enter hole w/no success. Drilled F/3406' to 3638'. Drill & slide F/3638' to 5350'.

6/29/2018: Drill & slide F/5350' to **TD @ 6483'** for **HZ2/ST2**. Circ hole clean, pump sweeps @ TD. ROT & work pipe. TOO H to 3600'. Pull up through ST, TIH to 3700'. Cont TOO H, L/D directional tools. M/U shoe jt. Cont P/U run 99 jts 4 ½". 11.6# L-80 alternating perf and blank jts, tracer jts on #21 and #59. TIH to 3781'. M/U X-O & drop off sub. R/D csg tools. Cont TIH w/4' DP. Tag btm @6482'. **TOL @2688'**, **BOL @6470'**. POOH L/D 14 STD DP, racking back.

6/30/2018: Cont TOO H, L/D liner running tools. M/U Knight whipstock hook & jar. TIH hook whipstock, release whipstock. TOO H L/D whipstock. M/U WFT RBP retrieval tool. TIH w/DP, wash sand off RDP. Latch and allow well to equalize. TOO H L/D DP & RBP. Set 7 1/16" X 2 3/8" tbg hanger in WH w/2way check. Nipple down BOP.

RDMO @ 0600hrs on 7/1/2018