

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

Amended

JUN 27 2018

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

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.

SUBMIT IN TRIPLICATE - Other instructions on page 2.

1. Type of Well

Oil Well Gas Well Other

2. Name of Operator

Hilcorp Energy Company

3a. Address

382 Road 3100 Aztec, NM 87410

3b. Phone No. (include area code)

505-599-3400

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Surface Unit I (NESE) 1591' FSL & 776' FEL, Sec. 9, T32N, R07W
Bottomhole (Lat 1) Unit E (SWNW) 677' FNL & 663 FWL, Sec. 11, T32N, R07W
Bottomhole (Lat 2) Unit L (NWSW) 2711' FSL & 1328' FWL, Sec. 11, T32N, R07W

5. Lease Serial No.

SF-078459-B

6. If Indian, Allottee or Tribe Name

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

Allison Unit

8. Well Name and No.

Allison Unit HZFC 123H

9. API Well No.

30-045-35611

10. Field and Pool or Exploratory Area

Basin Fruitland Coal

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
<i>BP</i>	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Casing & Cement
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	Sundry

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.)

05/28/2018 - MIRU Aztec 777. Function test. Remove csg valves. Torque WH & re-install csg valves. NU BOP & choke line. SDFN.

05/29/2018 - Test BOP stack & choke & csg. 3000 high 250 low. PT surface csg 1500 F/30 min. Ok. Called BLM & OCD about running 7" csg & cmt 5/30/2018 @ 17:30 hrs. PU MM & directional orient same. MU 8-3/4" bit, TIH, Tag FC, drilled through to 527'. Drilled F/ 527' to 2000'. SDFN.

ACCEPTED FOR RECORD

05/30/2018 - Drill & slide 8-3/4" INT hole F/ 1967' to 3920' TD. Circ sweep around @ 3920' SDFN.

05/31/2018 - Circ hole clean. TOOH to surface. No excess drag. LD dir tools. RU CRT and csg equip. Run 7" INT csg, MU 1 jt shoe track, circ same, PU TIH w/ 7" 23# L80 BTC. Washing & reaming as needed to 3393', failed to get any deeper. Working 7" csg up hole F/ 3393' to 3358'. SDFN.

JUN 28 2018

FARMINGTON FIELD OFFICE

By: _____

NMOCD

Continued on next page.

JUN 29 2018

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)

Priscilla Shorty

Title Operations/Regulatory Technician - Sr.

DISTRICT III

Signature *Priscilla Shorty*

Date *6/27/18*

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

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

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.

06/01/2018 - Work casing down to 3400' could not get past. Begin laying down 7" casing. Inspect casing, 39 bad jts due to galled threads. Rig down casing tools. Prep reamer BHA. PU 8-3/4" bit. TIH w/ DP, tag @ 1150' est circ, wash and ream. Cont TIH washing and reaming as needed to btm @ 3920'. POOH LD BHA. SFDN.

06/02/2018 - Rig up CRT & casing equip, Run 7" INT casing, RIH & tag bottom. Circ Clean float shoe, 1 jt 7" 23# L-80, FC, 86 jts 7" 23# L-80 casing 5' XO and casing hanger, Set @ 3899'. Land 7" casing on mandril, P-Test seals, OK. RD casing crew, RU cmt equip. Pump INT cmt job as follows, P-Test lines to 5000 psi, 40 bbl tuned spacer @ 11.5 ppg, 3.73 cuft/sx, 60 sx, 61.7 bbl. Lead 1 Varicem, 150 sx, 12.5 ppg, 2.31 cuft/sx. Lead 2 Varicem cmt, 61.9 bbls, 150 sx 12.5 ppg, 2.32 cuft/sx. Tail Varicem cmt, 61.6 bbl, 185 sx, 13.5 ppg, 1.87 cuft/sx. Circ 50 bbls to surface. Disp w/ 151.3 bbls water FCP 1208 psi, bump w/ 1829 psi @ 15:30 hrs on 06/02/18. Hold 10 min, release. Floats held. 1 bbls back to truck. RD cmt equip & wash up. WOC 8 hrs, clean pits & prep to pick up whipstock/milling assembly. RU Test 7" csg to 1500 psi F/ 30 min. OK. PU & TIH w/ whipstock assm to 3590 orient 10 left of high side & set base @ 3606'. (TOW @ 3590'). SFDN.

06/03/2018 - Mill window. Top of window @ 3590'. Bottom of window @ 3599'. Drill 5' of formation to 3604' ream through window. TOOHD LD MWD. LD mills. Prep horizontal BHA. MU 6-1/4" bit. MU LWD & MWD tools. TIH w/ Lat BHA. PU drill pipe. Drill prod hole F/3604' to 4962'. SFDN/

06/04/2018 - Drill 6-1/4" prod hole F/ 4956' to 7600'. SFDN.

06/05/2018 - Drill 6-1/4" prod hole F/ 7600' to 9647' TD. Circ hole clean to run 4-1/2" liner. TOOHD to run prod liner. SFDN.

06/06/2018 - Continue TOOHD T/ run liner. LD Dir Tools. RU csg tools, MU and run 4-1/2" prod liner. RD csg equip. Begin running in w/ drill pipe. Tag up at 5480'. Attempt to work through, unable to make progress. TOOHD, begin laying down casing. RD csg tools and LD same. PU directional tools. Test MWD and install same. TIH F/ surface. Tagged @ 5305'. Wash and ream F/5305' to 5584'. Circ BU 5584'. SFDN.

06/07/2018 - Cont wash and ream in hole to 8431'. Work and clean up tight spots. Circ. BU. Wiper trip F/8431' to 7600'. TIH F/7600' to 8431'. Cont to wash and ream F/ 8431' to 9110'. SFDN.

06/08/2018 - Cont to wash and ream F/ 9110' to TD @ 9647'. Circ and condition hole. TOOHD F/TD to surface. LD directional tools. RU csg crew. MU shoe jt and run 4-1/2" liner. SFDN.

06/09/2018 - Cont running 4-1/2" liner in Lateral 1. 137 jts 4-1/2" 11.6# N-80 alternating perf and blank jts. Bottom of liner @ 9630', top of liner @ 4541.2'. PBD 9629'. Perf joints - 3/4" holes 4/ft, 90 deg phasing. Tracero Marker Joints. #35 H-10 T-913 top @ 8335', #135 H19 T-911 top @ 4655'. TOOHD LD running tool. PU 6-1/4" bit. Install motor payload and program tools, scribe and install MWD/LWD. TIH to top of window @ 3590'. Cont TIH T/sidetrack point @ 4454'. Trough @ sidetrack point F/4454' to 4472'. Kick off. Rotate and slide F/ 5776' to 5965'. SFDN.

06/10/2018 - Cont drilling 6-1/4" Lateral 2 F/ 5965' to 8562'. SFDN.

06/11/2018 - Circ & condition hole. Cont drilling 6-1/4" F/ 8562' to 9108'. Resync MWD and rotate and slide F/9108' to 10,100'. SFDN.

06/12/2018 - Rotate and slide F/ 10,100' to TD 10,150'. Circ & condition hole. TOOHD & LD directional BHA and bit. RU csg crew. MU shoe and run 4-1/2" perforated prod liner. SFDN.

06/13/2018 - Run 176 jts 4-1/2" 11.6# N-80 perforated prod liner to 7847'. Tag bridge work. Bridge couldn't work through, called office. Set liner @ 7847'. Tracer depth @ 6026'. Top liner @ 1307'. LD drill pipe & running tool. Install false bowl w/ BPV and test T/5K. RD topdrive, track, and rig floor. RD gas buster and choke manifold. ND BOP. RD RR @ 6:00 hrs 06/14/2018.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

JUN 27 2018

Amended

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

Farmington Field Office
Bureau of Land Management

5. Lease Serial No.

SF-078459-B

6. If Indian, Allottee or Tribe Name

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

Allison Unit

8. Well Name and No.

Allison Unit HZFC 123H

9. API Well No.

30-045-35611

10. Field and Pool or Exploratory Area

Basin Fruitland Coal

11. Country or Parish, State

San Juan, New Mexico

SUBMIT IN TRIPLICATE - Other instructions on page 2.

1. Type of Well

Oil Well Gas Well Other

2. Name of Operator

Hilcorp Energy Company

3a. Address

382 Road 3100 Aztec, NM 87410

3b. Phone No. (include area code)

505-599-3400

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Surface Unit I (NESE) 1591' FSL & 776' FEL, Sec. 9, T32N, R07W
Bottomhole (Lat 1) Unit E (SWNW) 677' FNL & 663 FWL, Sec. 11, T32N, R07W
Bottomhole (Lat 2) Unit L (NWSW) 2711' FSL & 1328' FWL, Sec. 11, T32N, R07W

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
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Casing & Cement
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	Sundry

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.)

05/28/2018 - MIRU Aztec 777. Function test. Remove csg valves. Torque WH & re-install csg valves. NU BOP & choke line. SDFN.

05/29/2018 - Test BOP stack & choke & csg. 3000 high 250 low. Csg 1500 F/30 min. Ok. Called BLM & OCD about running 7" csg & cmt 5/30/2018 @ 17:30 hrs. PU MM & directional orient same. MU 8-3/4" bit, TIH, Tag FC, drilled through to 527'. Drilled F/ 527' to 2000'. SDFN.

05/30/2018 - Drill & slide 8-3/4" INT hole F/ 1967' to 3920' TD. Circ sweep around @ 3920' SDFN.

05/31/2018 - Circ hole clean. TOOH to surface. No excess drag. LD dir tools. RU CRT and csg equip. Run 7" INT csg, MU 1 jt shoe track, circ same, PU TIH w/ 7" 23# L80 BTC. Washing & reaming as needed to 3393', failed to get any deeper. Working 7" csg up hole F/ 3393' to 3358'. SDFN.

Continued on next page.

ACCEPTED FOR RECORD

JUN 27 2018

FARMINGTON FIELD OFFICE

By:

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)

Priscilla Shorty

Title Operations/Regulatory Technician - Sr.

Signature

Date

Priscilla Shorty
6/27/18

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

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

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.

06/01/2018 - Work casing down to 3400' could not get past. Begin laying down 7" casing. Inspect casing, 39 bad jts due to galled threads. Rig down casing tools. Prep reamer BHA. PU 8-3/4" bit. TIH w/ DP, tag @ 1150' est circ, wash and ream. Cont TIH washing and reaming as needed to btm @ 3920'. POOH LD BHA. SFDN.

06/02/2018 - Rig up CRT & casing equip, Run 7" INT casing, RIH & tag bottom. Circ Clean float shoe, 1 jt 7" 23# L-80, FC, 86 jts 7" 23# L-80 casing 5' XO and casing hanger, Set @ 3899'. Land 7" casing on mandril, P-Test seals, OK. RD casing crew, RU cmt equip. Pump INT cmt job as follows, P-Test lines to 5000 psi, 40 bbl tuned spacer @ 11.5 ppg, 3.73 cuft/sx, 60 sx, 61.7 bbl. Lead 1 Varicem, 150 sx, 12.5 ppg, 2.31 cuft/sx. Lead 2 Varicem cmt, 61.9 bbls, 150 sx 12.5 ppg, 2.32 cuft/sx. Tail Varicem cmt, 61.6 bbl, 185 sx, 13.5 ppg, 1.87 cuft/sx. Circ 50 bbls to surface. Disp w/ 151.3 bbls water FCP 1208 psi, bump w/ 1829 psi @ 15:30 hrs on 06/02/18. Hold 10 min, release. Floats held. 1 bbls back to truck. RD cmt equip & wash up. WOC 8 hrs, clean pits & prep to pick up whipstock/milling assembly. RU Test 7" csg to 1500 psi F/ 30 min. OK. PU & TIH w/ whipstock assm to 3590 orient 10 left of high side & set base @ 3606'. (TOW @ 3590'). SFDN.

06/03/2018 - Mill window. Top of window @ 3590', Bottom of window @ 3599'. Drill 5' of formation to 3604' ream through window. TOOHD LD MWD. LD mills. Prep horizontal BHA. MU 6-1/4" bit. MU LWD & MWD tools. TIH w/ Lat BHA. PU drill pipe. Drill prod hole F/3604' to 4962'. SFDN/

06/04/2018 - Drill 6-1/4" prod hole F/ 4956' to 7600'. SFDN.

06/05/2018 - Drill 6-1/4" prod hole F/ 7600' to 9647' TD. Circ hole clean to run 4-1/2" liner. TOOHD to run prod liner. SFDN.

06/06/2018 - Continue TOOHD T/ run liner. LD Dir Tools. RU csg tools, MU and run 4-1/2" prod liner. RD csg equip. Begin running in w/ drill pipe. Tag up at 5480'. Attempt to work through, unable to make progress. TOOHD, begin laying down casing. RD csg tools and LD same. PU directional tools. Test MWD and install same. TIH F/ surface. Tagged @ 5305'. Wash and ream F/5305' to 5584'. Circ BU 5584'. SFDN.

06/07/2018 - Cont wash and ream in hole to 8431'. Work and clean up tight spots. Circ. BU. Wiper trip F/8431' to 7600'. TIH F/7600' to 8431'. Cont to wash and ream F/ 8431' to 9110'. SFDN.

06/08/2018 - Cont to wash and ream F/ 9110' to TD @ 9647'. Circ and condition hole. TOOHD F/TD to surface. LD directional tools. RU csg crew. MU shoe jt and run 4-1/2" liner. SFDN.

06/09/2018 - Cont running 4-1/2" liner in Lateral 1. 137 jts 4-1/2" 11.6# N-80 alternating perf and blank jts. Bottom of liner @ 9630', top of liner @ 4541.2'. PBSD 9629'. Perf joints - 3/4" holes 4/ft, 90 deg phasing. Tracero Marker Joints. #35 H-10 T-913 top @ 8335', #135 H19 T-911 top @ 4655'. TOOHD LD running tool. PU 6-1/4" bit. Install motor payload and program tools, scribe and install MWD/LWD. TIH to top of window @ 3590'. Cont TIH T/sidetrack point @ 4454'. Trough @ sidetrack point F/4454' to 4472'. Kick off. Rotate and slide F/ 5776' to 5965'. SFDN.

06/10/2018 - Cont drilling 6-1/4" Lateral 2 F/ 5965' to 8562'. SFDN.

06/11/2018 - Circ & condition hole. Cont drilling 6-1/4" F/ 8562' to 9108'. Resync MWD and rotate and slide F/9108' to 10,100'. SFDN.

06/12/2018 - Rotate and slide F/ 10,000' to TD 10,500'. Circ & condition hole. TOOHD & LD directional BHA and bit. RU csg crew. MU shoe and run 4-1/2" perforated prod liner. SFDN.

06/13/2018 - Run 176 jts 4-1/2" 11.6# N-80 perforated prod liner to 7847'. Tag bridge work. Bridge couldn't work through, called office. Set liner @ 7847'. Tracer depth @ 6026'. Top liner @ 1307'. LD drill pipe & running tool. Install false bowl w/ BPV and test T/5K. RD topdrive, track, and rig floor. RD gas buster and choke manifold. ND BOP. RD RR @ 6:00 hrs 06/14/2018.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

JUN 19 2018

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

Farmington Field Office
Bureau of Land Management

5. Lease Serial No. **SF-078459-B**
6. If Indian, Allottee or Tribe Name

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.

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

2. Name of Operator
Hilcorp Energy Company

8. Well Name and No.
Allison Unit HZFC 123H

3a. Address
382 Road 3100 Aztec, NM 87410

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

9. API Well No.
30-045-35611

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Surface Unit I (NESE) 1591' FSL & 776' FEL, Sec. 9, T32N, R07W
Bottomhole (Lat 1) Unit E (SWNW) 677' FNL & 663 FWL, Sec. 11, T32N, R07W
Bottomhole (Lat 2) Unit L (NWSW) 2711' FSL & 1328' FWL, Sec. 11, T32N, R07W

10. Field and Pool or Exploratory Area
Basin Fruitland Coal

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
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	<u>Casing & Cement</u>
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	<u>Sundry</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.)

05/28/2018 - MIRU Aztec 777. Function test. Remove csg valves. Torque WH & re-install csg valves. NU BOP & choke line. SDFN.

05/29/2018 - Test BOP stack & choke & csg. 3000 high 250 low. Csg 1500 F/30 min. Ok. Called BLM & OCD about running 7" csg & cmt 5/30/2018 @ 17:30 hrs. PU MM & directional orient same. MU 8-3/4" bit, TIH, Tag FC, drilled through to 527'. Drilled F/ 527' to 2000'. SDFN.

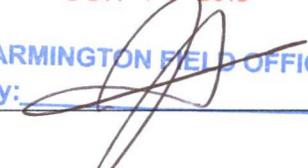
05/30/2018 - Drill & slide 8-3/4" INT hole F/ 1967' to 3920' TD. Circ sweep around @ 3920' SDFN.

05/31/2018 - Circ hole clean. TOOH to surface. No excess drag. LD dir tools. RU CRT and csg equip. Run 7" INT csg, MU 1 jt shoe track, circ same, PU TIH w/ 7" 23# L80 BTC. Washing & reaming as needed to 3393', failed to get any deeper. Working 7" csg up hole F/ 3393' to 3358'. SDFN.

Continued on next page.

ACCEPTED FOR RECORD

JUN 19 2018

FARMINGTON FIELD OFFICE
By: 

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)
Priscilla Shorty

Title **Operations/Regulatory Technician - Sr.**

Signature 

Date **6/19/2018**

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by	Title	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

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.

NMOCD

06/01/2018 - Work casing down to 3400' could not get past. Begin laying down 7" casing. Inspect casing, 39 bad jts due to galled threads. Rig down casing tools. Prep reamer BHA. PU 8-3/4" bit. TIH w/ DP, tag @ 1150' est circ, wash and ream. Cont TIH washing and reaming as needed to btm @ 3920'. POOH LD BHA. SDFN.

06/02/2018 - Rig up CRT & casing equip, Run 7" INT casing, RIH & tag bottom. Circ Clean float shoe, 1 jt 7" 23# L-80, FC, 86 jts 7" 23# L-80 casing 5' XO and casing hanger, Set @ 3899'. Land 7" casing on mandril, P-Test seals, OK. RD casing crew, RU cmt equip. Pump INT cmt job as follows, P-Test lines to 5000 psi, 40 bbl tuned spacer @ 11.5 ppg, 3.73 cuft/sx, 60 sx, 61.7 bbl. Lead 1 Varicem, 150 sx, 12.5 ppg, 2.31 cuft/sx. Lead 2 Varicem cmt, 61.9 bbls, 150 sx 12.5 ppg, 2.32 cuft/sx. Tail Varicem cmt, 61.6 bbl, 185 sx, 13.5 ppg, 1.87 cuft/sx. Disp w/ 151.3 bbls water FCP 1208 psi, bump w/ 1829 psi @ 15:30 hrs on 06/02/18. Hold 10 min, release. Floats held. 1 bbls back to truck. RD cmt equip & wash up. WOC 8 hrs, clean pits & prep to pick up whipstock/milling assembly. RU Test 7" csg to 1500 psi F/ 30 min. OK. PU & TIH w/ whipstock assm to 3590 orient 10 left of high side & set base @ 3606'. (TOW @ 3590'). SDFN.

06/03/2018 - Mill window. Top of window @ 3590', Bottom of window @ 3599'. Drill 5' of formation to 3604' ream through window. TOOHD LD MWD. LD mills. Prep horizontal BHA. MU 6-1/4" bit. MU LWD & MWD tools. TIH w/ Lat BHA. PU drill pipe. Drill prod hole F/3604' to 4962'. SDFN/

06/04/2018 - Drill 6-1/4" prod hole F/ 4956' to 7600'. SDFN.

06/05/2018 - Drill 6-1/4" prod hole F/ 7600' to 9647' TD. Circ hole clean to run 4-1/2" liner. TOOHD to run prod liner. SDFN.

06/06/2018 - Continue TOOHD T/ run liner. LD Dir Tools. RU csg tools, MU and run 4-1/2" prod liner. RD csg equip. Begin running in w/ drill pipe. Tag up at 5480'. Attempt to work through, unable to make progress. TOOHD, begin laying down casing. RD csg tools and LD same. PU directional tools. Test MWD and install same. TIH F/ surface. Tagged @ 5305'. Wash and ream F/5305' to 5584'. Circ BU 5584'. SDFN.

06/07/2018 - Cont wash and ream in hole to 8431'. Work and clean up tight spots. Circ. BU. Wiper trip F/8431' to 7600'. TIH F/7600' to 8431'. Cont to wash and ream F/ 8431' to 9110'. SDFN.

06/08/2018 - Cont to wash and ream F/ 9110' to TD @ 9647'. Circ and condition hole. TOOHD F/TD to surface. LD directional tools. RU csg crew. MU shoe jt and run 4-1/2" liner. SDFN.

06/09/2018 - Cont running 4-1/2" liner in Lateral 1. 137 jts 4-1/2" 11.6# N-80 alternating perf and blank jts. Bottom of liner @ 9630', top of liner @ 4541.2'. PBD 9629'. Perf joints - 3/4" holes 4/ft, 90 deg phasing. Tracero Marker Joints. #35 H-10 T-913 top @ 8335', #135 H19 T-911 top @ 4655'. TOOHD LD running tool. PU 6-1/4" bit. Install motor payload and program tools, scribe and install MWD/LWD. TIH to top of window @ 3590'. Cont TIH T/sidetrack point @ 4454'. Trough @ sidetrack point F/4454' to 4472'. Kick off. Rotate and slide F/ 5776' to 5965'. SDFN.

06/10/2018 - Cont drilling 6-1/4" Lateral 2 F/ 5965' to 8562'. SDFN.

06/11/2018 - Circ & condition hole. Cont drilling 6-1/4" F/ 8562' to 9108'. Resync MWD and rotate and slide F/9108' to 10,100'. SDFN.

06/12/2018 - Rotate and slide F/ 10,000' to TD 10,500'. Circ & condition hole. TOOHD & LD directional BHA and bit. RU csg crew. MU shoe and run 4-1/2" perforated prod liner. SDFN.

06/13/2018 - Run 176 jts 4-1/2" 11.6# N-80 perforated prod liner to 7847'. Tag bridge work. Bridge couldn't work through, called office. Set liner @ 7847'. Tracer depth @ 6026'. Top liner @ 1307'. LD drill pipe & running tool. Install false bowl w/ BPV and test T/5K. RD topdrive, track, and rig floor. RD gas buster and choke manifold. ND BOP. RD RR @ 6:00 hrs 06/14/2018.