

BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

(Use for: 1. Proposals to drill or to deepen or plug back to a different formation;
2. "APPLICATION FOR PERMIT" for such proposals.)

1. ☒ CAS
WELL ☐ OTHER

NAME OF OPERATOR

Hatch Oil Company

ADDRESS OF OPERATOR

13 Washington SE, Albuquerque, NM 87108

LOCATION OF WELL (Report location clearly and in accordance with any State requirements.
Leave space if below surface.)

Unit 'H' 2064' FNL and 358' FEL

2. ELEVATIONS (Show whether by B. or G.C.)

7437' GR

Jicarilla Contract #47

3. IF APPLICABLE, ALLOTTEE OR LEASE NAME

Jicarilla Apache

4. UNIT ASSIGNMENT NAME

5. NAME OF LEASE NAME

Jicarilla Tribal Contract #47

6. WELL NO.

47-19

7. FIELD AND POOL, OR WELDCAT

South Lindrith Gallup-Dakota

8. SEC., T., R., S., OR B.L. AND SURVEY OR AREA

Sec. 11, T23N, R4W

9. COUNTY OR PARISH 10. STATE

Rio Arriba

New Mexico

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO

1. WATER SHUT-OFF

2. ACTUAL TEST

3. FLOOD OR ACIDIZING

4. PUMP WELL

5. OTHER

6. PUMP OR ALTER CASING

7. MULTIPLE COMPLETION

8. ABANDONMENT

9. CHANGE PLAN

SUMMARY REPORT OF:

1. WATER SHUT-OFF

2. FRACTURE TREATMENT

3. SHOOTING OR ACIDIZING

4. (Other)

status report

5. REPAIRING WELL

6. ALTERING CASING

7. ABANDONMENT

(NOTE: Report results of multiple completion on Well Completion or Reconstructions Report and Log form.)

"THIS PROPOSED OR COMPLETED OPERATION: (Clearly state all pertinent details and give pertinent data including estimated date of starting any proposed work. If well is directionally drilled give subsurface locations and measured and true vertical depths for all markers and given pertinent to this work.)"

Well History, days 6, 7 and 9 attached.

ILLEGIBLE

RECEIVED

OCT 13 1987

OIL CON. DIV.
DIST. 6

I hereby certify that the foregoing is true and correct.

SIGNED

TITLE President

DATE 10/5/87

(Space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

*See Instructions on Reverse Side

NMOCC

U.S.C. Section 1001, makes 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 or to furnish any false, fictitious or fraudulent information.

Well: Jicarilla Apache 47-18

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Date: October 2, 1987

Day #: 6 Present operation: Drilling Depth today: 1700'
24 hour footage: 1015' Formation: sand and shale
Drill Collars: No: 21 Size: 7-6 Weight: 52000 Bore: 2 1/4
Rotary: RPM: 82 Weight on bit: 8-16000 Present drilling rate: 60 ft/hour
Pump: Liner size: 5 1/2 Pressure: 1600 Strokes per minute: 54
Mud: Vis: 34 Wt.: 8.7 W. L.: 9.0
Mud additives last 24 hours: 13 gel; 20 starch; 1 caustic soda; 1 desco; 20 BO
Deviation survey: 1/2° @ 760' 3/4° @ 853' 3/4° @ 938' 3/4° @ 1105'
1° @ 1260' 1° @ 1414' 1° @ 1570'
Bit: Run No. 4: 7 7/8, A-1, 1568 ft., 35 1/4 hours
Break down: 1/4 rig service and check BOP
22 drilling
1 3/4 surveys

Date: October 3, 1987

Day #: 7 Present operation: drilling Depth today: 2546'
24 hour footage: 846' Formation: sand and shale
Drill Collars: No: 21 Size: 6"-7" Weight: 52,000 Bore: 2 1/4
Rotary: RPM: 82 Weight on bit: 10-20,000 Present drilling rate: 30 ft/hour
Pump: Liner size: 5 1/2 Pressure: 1600 Strokes per minute: 54
Mud: Vis: 35 Wt.: 9.0 W. L.: 6.0
Mud additives last 24 hours: 53 gel; 2 starch; 1 desco; 2 soda ash; 1 caustic
soda; 6 fiber, 21 BO
Deviation survey: 1° @ 1724' 1° @ 2000' 1° @ 2280'
Bit: Run No. 4: 7 7/8, A-1, 2414 feet, 58 1/2 hours
Break down: 23 1/4 drilling
1/2 surveys
1/4 rig service

Date: October 4, 1987

Day #: 8 Present operation: drilling Depth today: 3122'
24 hour footage: 576 Formation: sand and shale
Drill Collars: No: 21 Size: 6-7" Weight: 52,000 Bore: 2 1/4
Rotary: RPM: 66 Weight on bit: 28,000 Present drilling rate: 35-40 ft/hour
Pump: Liner size: 5 1/2 Pressure: 1600 Strokes per minute: 60
Mud: Vis: 37 Wt.: 9.0 W. L.: 6.0 Ph 9.5
Mud additives last 24 hours: 29 gel; 8 starch; 1 caustic soda; 1 soda ash;
1 desco; 3 fiber; 1 preservative; 20 BO
Deviation survey: 1° @ 2509' 3/4° @ 2830' 1° @ 3085
Bit: Run No. 4: 7 7/8, A-1; 2698 ft, 66 1/2 hours Run No. 5: 7 7/8, V527, 292 ft. 9 1/2 hrs
Break down: 17 1/2 drilling
1/2 surveys
1/4 rig service, check BOP
6 trip, survey, cut drlg. line
and wash 120' to bottom