RGY AND MINERALS DEPARTMENT

NO. OF COPIES RECEIVED		
DISTRIBUTION		
SANTA FE	/	
FILE		
U.S.G.S.		
LAND OFFICE		
OPERATOR		

OIL CONSERVATION DIVISION

P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

Form C-103
Revised 10-1-78

5a. Indicate Type of Lease: State ☐ Fee ☒

5. State Oil & Gas Lease No.

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.)

OIL WELL ☒ GAS WELL ☐ OTHER-

7. Unit Agreement Name: Pinon Unit

Name of Operator: ace Oil Company, Inc.

8. Farm or Lease Name:

Address of Operator: .3 Washington, SE, Albuquerque, NM 87108

9. Well No.: Pinon Unit No. 2

Location of Well: UNIT LETTER Irr. Section . 1583 FEET FROM THE east LINE AND 2583 FEET FROM

10. Field and Pool, or Wildcat: Wildcat

THE south LINE, SECTION 26 TOWNSHIP 14N RANGE 8E NMPM.

15. Elevation (Show whether DF, RT, GR, etc.): 5798' GR

12. County: Santa Fe

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

NOTICE OF INTENTION TO:

- PERFORM REMEDIAL WORK ☐
- TEMPORARILY ABANDON ☐
- PULL OR ALTER CASING ☐
- PLUG AND ABANDON ☐
- CHANGE PLANS ☐
- OTHER ☐

SUBSEQUENT REPORT OF:

- REMEDIAL WORK ☐
- COMMENCE DRILLING OPNS. ☐
- CASING TEST AND CEMENT JOB ☐
- ALTERING CASING ☐
- PLUG AND ABANDONMENT ☐
- OTHER ☐

Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

See Well History attached.

10/24/85 through 10/28/85.

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

SIGNED D. W. Miller TITLE President DATE 10/29/85

APPROVED BY Roy E. Johnson TITLE DISTRICT SUPERVISOR DATE 11-15-85

CONDITIONS OF APPROVAL, IF ANY:

10/24/85:

Move in and rig up completion unit.

10/25/85:

Pull 189 joints out of hole. No pressure on tubing or backside.
Pick up 4 1/2" RTTS packer.
Run in hole with 153 joints, 76 stands and 1 single.
Set packer at 5008' KB.
Load back side with 41 bbls 2% Kcl water.

10:55 a.m.	Pressure up to 1000 PSI on back side.	
10:58 a.m.	Start pad.	15.5 BPM @ 5100 PSI
11:45 a.m.	Start 1/2 lb/gal sand	16.0 BPM @ 4950 PSI
11:47 a.m.	1/2 lb/gal sand on formation	15.7 BPM @ 5000 PSI
12:01 p.m.	Start 1 lb/gal sand	15.6 BPM @ 4920 PSI
12:03 p.m.	1 lb/gal sand on formation	15.6 BPM @ 4910 PSI
12:41 p.m.	Start 1 1/2 lb/gal sand	15.4 BPM @ 4900 PSI
12:43 p.m.	1 1/2 lb/gal sand on formation	15.4 BPM @ 4870 PSI
1:31 p.m.	Start 2 lb/gal sand	15.0 BPM @ 4970 PSI
1:33 p.m.	2 lb/gal sand on formation	15.1 BPM @ 4950 PSI
2:12 p.m.	On 2 lb/gal sand	14.9 BPM @ 4990 PSI
2:27 p.m.	Cut sand. Go to flush.	14.0 BPM @ 5600 PSI
2:30 p.m.	Flush away. Shut down.	

ISIP = 2630 PSI
5 min = 2610 PSI
10 min = 2600 PSI
15 min = 2590 PSI

Total sand = 150,000 lbs
Total water = 3,060 bbls

3:00 p.m. Shut and lock tubing valve.

10/26/85:

7:00 a.m. Pressure on tubing = 2350 PSI.

7:20 a.m. Open tubing up. Flow Gallup formation back.
Flowing out of a 2" line at 150 PSI.

7:41 a.m. Flow back 180 bbls frac water
≈ 110° F with a small amount of oil breaking out on top of rig pit.
Shut well in; rig up to flow line to reserve pit.

8:20 a.m. Flowing a 20' stream out of a 2" line with ≈100 PSI.

8:30 a.m. Flow well in to test tank.

11:30 a.m. Well flowing at ≈3.5 BPM.
Less than a 1% oil cut.
Slight gas cut.

2:30 p.m. Leave well flowing to test tank.
A man will stay the night to monitor the flow rate and drain the test tank when needed.

10/27/85:

5:54 a.m. Well flowing at a rate of 8 BPH
≈ 4-5% oil cut.
Good gas cut.
Recovered ≈ 2100 bbls frac water.
≈ 10 bbls oil.

9:00 a.m. Well flowing at 7.5 bbls/hour.
Leave well flowing to test tank.

10/28/85:

7:00 a.m. Well flowed 70 bbls water
3 bbls oil in 22 hours.
Average rate of 3.3 bbls/hour.

8:45 a.m. Release packer. Come out of hole.

Run in hole with 192 joints of tubing.
This put bottom of tubing 84' below bottom Gallup perf.

Land 189 joints of tubing with seating nipple at 6182.92' KB.

Rig up swab.

Make 4 swab runs to see if well will flow.

1st run	Fluid Level:	Pulled From:	Pulled Ft.	Fluid/Bbls.:	
	Surface	1500'	1500'	5.5	2% oil cut
	500'	2000'	1500'	5.5	2% oil cut
	500'	2500'	2000'	7.5	3% oil cut
	500'	2500'	2000'	7.5	3% oil cut

Well would not flow after 4th swab run.

Shut well in. Lock wellhead.

1:30 p.m. Rig down completion unit. Move off.

Wait on swabbing unit.

Total frac water recovered = 2,196 bbls
Total oil recovered since frac = 13 bbls