

OIL CONSERVATION DIVISION
P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

Form C-103
Revised 10-1-78

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DISTRIBUTION	
SANTA FE	
FILE	
U.S.C.S.	
LAND OFFICE	
OPERATOR	

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.

WELL ☒ GAS WELL ☐ OTHER-

Name of Operator
Hance Oil Company, Inc.

Address of Operator
13 Washington, SE, Albuquerque, NM 87108

Location of Well
Irr. Section 1583 FEET FROM THE east LINE AND 2583 FEET FROM
NIT LETTER south LINE, SECTION 26 TOWNSHIP 14N RANGE 8E NMPM.

7. Unit Agreement Name
Pinon Unit

8. Farm or Lease Name

9. Well No.
Pinon Unit No. 2

10. Field and Pool, or Wildcat
Wildcat

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:

REMEDIAL WORK ☐ PLUG AND ABANDON ☐
PARTIALLY ABANDON ☐
OR ALTER CASING ☐ CHANGE PLANS ☐
OTHER ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☐
CASING TEST AND CEMENT JOBS ☐
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 1703.

See Well History attached, Page 29 through Page 33.

Subscribing Party certifies that the information above is true and complete to the best of my knowledge and belief.

BY D. W. Nissen TITLE President DATE 9/11/85
BY Ray Johnson TITLE DISTRICT SUPERVISOR DATE 11-15-85

NOTES OF APPROVAL, IF ANY:

CHACE OIL COMPANY, INC.
313 Washington S.E.
Albuquerque, New Mexico 87108

Pinon Unit #2

	<u>Fluid Level:</u>	<u>Pulled From:</u>	<u>Feet of Fluid Pulled:</u>	Page 29 <u>Bbls of Fluid:</u>
13th swab	5000'	7000'	2000'	7.5
14th swab	5000'	7000'	2000'	7.5
15th swab	5500'	7000'	1500'	5.5
16th swab	6000'	7000'	900'	3.0
17th swab	6500'	7000'	500'	2.0

Recovered 139.5 bbls fluid with approximately 1% oil cut.

Had gas while pulling swab, of which 139.5 fluid recovered
50 bbls. annular fluid from when packer was set.

89.5 was fluid swab from reservoir.

Casing pressure = 0. Well would not flow.

Shut in for the night.

9/5/85:

7:00 a.m. Tubing pressure = 0.

Casing pressure = 30 PSI.

	<u>Fluid Level:</u>	<u>Pulled From:</u>	<u>Feet of Fluid Pulled:</u>	<u>Bbls. of Fluid:</u>
7:30 p.m. 1st swab:	4300'	7064' (seating nipple)	2760'	10.5
	(1% oil - Casing pressure = 30 PSI)			
2nd swab:	5000'	7064' (seating nipple)	2000'	7.5
	(1% oil - Casing pressure = 10 PSI)			
3rd swab	5300'	7064'	1800'	7.0
	(1% oil - Casing pressure = 0)			

9:30 a.m. Rig down swab.

Run in the hole with 110 stands of tubing to check for sand fill.

Tag sand at 7175' KB.

Have 18' of rat hole below bottom perforation.

Trip out of hole with tubing.

Shut well in for the day.

9/6/85: Shut in.

9/7/85:

Casing pressure = 30 PSI

Fluid level at 3000'.

7:00 a.m. Start in hole with 4 1/2" Howco speedy line bridge plug.

Set plug at 7030' KB.

8:25 a.m. Spot 1 sack cement on bridge plug.

Trip in hole with tubing and 4 1/2 RTTS packer.

Load hole with 2% Kcl water.

Set packer at 2300' KB.

Pressure test bridge plug to 3000 PSI.

11:20 a.m. Perforate Gallup zone at:

5437', 5440', 5490', 5502', 5507', 5555', 5560', 5574', 5631',
5751', 5759', 5765', 5771', 5818', 5822', 5833', 5837', 5869',
5872', 5883', 5890', 5895', 5899', 5912', 5918', 5936', 5941',
5946', 5960', 5973', 5976', 6009', 6012', 6016', 6030', 6052',
6056', 6066', 6117', 6124', 6137', 6149', 6196', 2 SPF, 86 holes.

12:55 p.m. Trip in hole with tubing and 4 1/2" packer.

Spot 600 gal 7 1/2% Hcl from 6196' up hole.

Set packer at 5171', KB.

Put 1000 PSI on back side.

3:12 p.m. Break down perforations.

Broke at 2400 PSI.

Establish rate - 10 BPM at 4400 PSI.

Shut down.

Pumped 12 bbls fluid into Gallup formation.

ISIP = 1820 PSI

5 min = 1530 PSI

10 min = 1450 PSI

15 min = 1380 PSI

3:32 p.m. Start balls.

5 balls/min for 34 bbls.

Total = 170 balls.

Pumped balls on perforations at 5 BPM at 2800 PSI.

Have ball action at 4.5 BPM at 3300 PSI

Have ball action at 5.2 BPM at 3650 PSI

Pinon Unit #2

Page 31

3:48 p.m. All balls away. Shut down.
Pumped 73 bbls of fluid for ball off.
Total fluid pumped into formation = 107 bbls.
Total fluid to recover = 143 bbls.

3:55 p.m. Surge balls off perforations.
Flow Gallup formation back.
Flowed a 4' stream out of a 2" flow line for 2 minutes.
Decreased to a 2" flow in 4 minutes.
Flowed for 55 minutes.
Rig up swab.

	<u>Fluid Level:</u>	<u>Pulled From:</u>	<u>Feet of Fluid Pulled:</u>	<u>BBls of Fluid:</u>
4:55 p.m.				
1st swab:	Surface	2000'	2000'	7.5
2nd swab:	1500'	3500'	2000'	7.5

5:45 p.m. Shut down for the night.

9/8/85:

Tubing pressure 190 PSI.
Casing pressure 0 PSI.
Open tubing up.
Flow gas and water with slight oil show.

8:10 a.m.				
1st swab:	Surface	1000'	1000'	3.5
	(2% oil cut - excellent gas cut - Flowed gas after swab was pulled)			
8:36 a.m.				
2nd swab:	1000'	3500'	2500'	9.0
	(30% oil cut - Good gas flow after swab was pulled)			
9:09 a.m.				
3rd swab:	3000'	5200' (S.N.)	2200'	8.0
	(5% oil cut - Good gas flow after swab was pulled)			
9:30 a.m.				
4th swab:	3200'	5200'	2000'	7.0
	(5% oil cut - Gas flowed after swab was pulled. Well kicking fluid)			
9:48 a.m.				
5th swab:	3700'	5200'	1500'	5.0
	(5% oil cut - Gas flowed after swab was pulled - Well kicking fluid)			
10:07 a.m.				
6th swab:	4500'	5200'	700'	2.0
	(10% oil cut - Gas flowed after swab was pulled - Well kicking fluid)			

Pinon Unit #2

10:15 a.m. Shut tubing in.

30 minutes shut in pressure = 110 PSI.

Blow well down.

11:00 a.m.

7th swab: 4800' 5200' 400' 1.5 bbls.
(35% oil cut. Well flowed gas. Kicking small amount of fluid after
swab was pulled)

11:35 a.m.

8th swab: 4500' 5200' 700' 2.0 bbls.
(35% oil cut. Well flowing gas after swab was pulled)

12:11 p.m.

9th swab: 4700' 5200' 500' 1.5 bbls.
(90% oil cut. Gas was flowing after swab was pulled)

12:30 p.m. Shut well in.

Lock well head valves.

Shut down for day.

81 bbls of load water to recover.

Recovered 5.95 bbls oil - approximately 40° gravity

8/9/85:

7:00 a.m. Tubing pressure = 170 PSI

Casing pressure = 0

Blow tubing down.

Flowed gas for 5 minutes.

7:30 a.m.

1st swab: 4200' 5200' 1000' 3.5 bbls
(90% oil cut - Well flowed gas after swab was pulled.)

7:43 a.m.

2nd swab: 4200' 5200' 1000' 3.5 bbls.
(90% oil cut. Well flowing gas after swab was pulled)

8:00 a.m.

3rd swab: 4200' 5200' 900' 3.0 bbls.
(90% oil cut. Well flowing gas after swab was pulled)

8:15 a.m.

4th swab: 4800' 5200' 400' 1.5 bbls.
(90% oil cut - Well flowing gas after swab was pulled)

So far have recovered 10.35 bbls oil

1.25 bbls water

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Pinon Unit #2

Page 33

	<u>Fluid Level</u>	<u>Pulled From</u>	<u>Ft. Pulled</u>	<u>Bbls. Fluid</u>
9:15 a.m.				
5th swab:	5200'	5200'	0'	0

Shut well in for 1 hour.

1 hour pressure build up = 50 PSI

10:30 a.m.

6th swab:	5200'	5200'	0'	0
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Well went on a vacuum after swab was pulled.

Fluid recovered so far - total oil = 16.3 bbls.

total water = 63.8 bbls.

79.2 bbls. load water left to recover.

9/10/85:

Tubing pressure = 170 PSI after 18 1/2 hour build up

7:15 a.m.

1st swab:	4800'	5200'	400'	1.5
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(100% oil cut. Well flowed gas after swab was pulled)

7:30 a.m.

2nd swab:	4800'	5200'	400'	1.5
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(100% oil cut - Well flowed gas after swab was pulled)

7:45 a.m.

3rd swab:	4800'	5200'	400'	1.5
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(100% oil cut. Well flowed gas after swab was pulled)

7:55 a.m.

4th swab:	4900'	5200'	300'	1
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(100% oil cut. Well flowed gas after swab was pulled)

8:10 a.m.

5th swab:	5200' (S.N.)	5200'	0'	0
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(Well flowed gas after swab was pulled)

8:15 a.m. Shut well in for 1 hour pressure build up.

9:15 a.m. One hour shut in pressure = 50 PSI.

Total fluid recovery = 21.3 bbls. oil and 63.8 bbls. water.

79 bbls load water left to recover.

9:35 a.m. Release packer. Trip out of hole with tubing and packer. Trip in hole with tubing and seating nipple. Run 189 joints of 2 3/8" tubing with seating nipple at 6182.92' KB.

Swab annular fluid out of well - approximately 50 bbls.

Chain and lock tubing and casing valves.

Rig down. Move out.