

Casing perms. _____ Bottom choke .75" Surf. temp. _____ °F Ticket No. 611089
 Gas gravity _____ Oil gravity _____ GOR _____
 Spec. gravity _____ Chlorides _____ ppm Res. _____ @ _____ °F
 INDICATE TYPE AND SIZE OF GAS MEASURING DEVICE USED _____

Date Time	a.m. p.m.	Choke Size	Surface Pressure psi	Gas Rate MCF	Liquid Rate BPD	Remarks
1330						Opened tool with a fair blow
1335		1/4"	4			Opened to 1/4" choke
1340		"	3			Pressure decreasing
1345		"	1			Pressure decreasing
1350		"	0			No pressure
1355		"				No pressure
1400		"				Closed tool
1500		"				Opened tool with a weak blow
1505		"				Weak blow
1507		3/8"				Opened to 3/8" choke
1510		"				Weak blow
1515		"				Weak blow
1517		"				Gas to surface in 17 minutes
1520		"				Weak blow
1525		"				Bubble
1530		"				"
1535		"				"
1540		"				"
1545		"				Closed tool
1645						By pass

Gauge No. 512				Depth 5898'				Clock No. 16710				24 hour				Ticket No. 611089			
First Flow Period				Closed In Pressure				Second Flow Period				Closed In Pressure				Third Flow Period			
				Log $\frac{t + \theta}{\theta}$				Time Defl. .000"				PSIG Temp. Corr.				Log $\frac{t + \theta}{\theta}$			
Time Defl. .000"				PSIG Temp. Corr.				Time Defl. .000"				PSIG Temp. Corr.				Time Defl. .000"			
0	.000	61.3	.000	.0254**	708.6	.0311***	180.1	.000	.0252**	623.3	.000	.000	218.0						
1	.0143*	67.8	.0254**	.0473	1084.2	.0553	169.7	.0252**	.0469	889.7			623.3						
2	.0323	84.8	.0473	.0692	1294.7	.0795	184.0	.0469	.0685	1084.2			889.7						
3	.0502	97.9	.0692	.0910	1446.0	.1036	193.2	.0685	.0902	1219.7			1084.2						
4	.0681	109.6	.0910	.1128	1562.0	.1278	202.3	.0902	.1118	1332.8			1219.7						
5	.0861	118.8	.1128	.1347	1658.3	.1520	210.1	.1118	.1334	1421.0			1332.8						
6	.1040	126.6	.1347	.1565	1742.7		218.0	.1334	.1551	1497.3			1421.0						
7			.1565	.1784	1813.9			.1551	.1767	1556.7			1497.3						
8			.1784	.2002	1865.4			.1767	.1984	1608.1			1556.7						
9			.2002	.2220	1901.0			.1984	.2200	1641.1			1608.1						
10			.2220					.2200					1641.1						
11																			
12																			
13																			
14																			
15																			

Gauge No. 113				Depth 5951'				Clock No. 11955				hour 24				
First Flow Period				Closed In Pressure				Second Flow Period				Closed In Pressure				
				Log $\frac{t + \theta}{\theta}$				Time Defl. .000"				PSIG Temp. Corr.				
Time Defl. .000"				PSIG Temp. Corr.				Time Defl. .000"				PSIG Temp. Corr.				
0	.000	74.0	.000	.0230**	880.5	.0295**	202.3	.000	.0228**	623.3			242.0			
1	.0132*	85.9	.0230**	.0426	1102.6	.0524	203.7	.0228**	.0424	922.5			623.3			
2	.0298	103.1	.0426	.0623	1321.0	.0753	214.2	.0424	.0620	1105.2			922.5			
3	.0463	116.4	.0623	.0820	1482.8	.0982	226.1	.0620	.0816	1246.0			1105.2			
4	.0629	125.6	.0820	.1016	1601.5	.1211	234.1	.0816	.1011	1360.5			1246.0			
5	.0794	137.5	.1016	.1213	1697.8	.1440	242.0	.1011	.1207	1443.4			1360.5			
6	.0960	145.5	.1213	.1410	1778.3			.1207	.1403	1518.4			1443.4			
7			.1410	.1606	1853.5			.1403	.1598	1577.8			1518.4			
8			.1606	.1803	1890.5			.1598	.1794	1629.2			1577.8			
9			.1803	.2000	1926.1			.1794	.1990	1671.5			1629.2			
10			.2000					.1990					1671.5			
11																
12																
13																
14																
15																

Gauge No. 512				Depth 5898'				Clock No. 16710				24 hour				Ticket No. 611089			
First Flow Period				Closed In Pressure				Second Flow Period				Closed In Pressure				Third Flow Period			
				Log $\frac{t + \theta}{\theta}$				Time Defl. .000"				PSIG Temp. Corr.				Log $\frac{t + \theta}{\theta}$			
Time Defl. .000"				PSIG Temp. Corr.				Time Defl. .000"				PSIG Temp. Corr.				Time Defl. .000"			
0	.000	61.3	.000	.0254**	708.6	.0311***	180.1	.000	.0252**	623.3			218.0						
1	.0143*	67.8	.0254**	.0473	1084.2	.0553	169.7	.0252**	.0469	889.7			623.3						
2	.0323	84.8	.0473	.0692	1294.7	.0795	184.0	.0469	.0685	1084.2			889.7						
3	.0502	97.9	.0692	.0910	1446.0	.1036	193.2	.0685	.0902	1219.7			1084.2						
4	.0681	109.6	.0910	.1128	1562.0	.1278	202.3	.0902	.1118	1332.8			1219.7						
5	.0861	118.8	.1128	.1347	1658.3	.1520	210.1	.1118	.1334	1421.0			1332.8						
6	.1040	126.6	.1347	.1565	1742.7		218.0	.1334	.1551	1497.3			1421.0						
7			.1565	.1784	1813.9			.1551	.1767	1556.7			1497.3						
8			.1784	.2002	1865.4			.1767	.1984	1608.1			1556.7						
9			.2002	.2220	1901.0			.1984	.2200	1641.1			1608.1						
10			.2220					.2200					1641.1						
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Time Defl. .000"				PSIG Temp. Corr.				Time Defl. .000"				PSIG Temp. Corr.				
0	.000	74.0	.000	.0230**	880.5	.0295**	202.3	.000	.0228**	623.3			242.0			
1	.0132*	85.9	.0230**	.0426	1102.6	.0524	203.7	.0228**	.0424	922.5			623.3			
2	.0298	103.1	.0426	.0623	1321.0	.0753	214.2	.0424	.0620	1105.2			922.5			
3	.0463	116.4	.0623	.0820	1482.8	.0982	226.1	.0620	.0816	1246.0			1105.2			
4	.0629	125.6	.0820	.1016	1601.5	.1211	234.1	.0816	.1011	1360.5			1246.0			
5	.0794	137.5	.1016	.1213	1697.8	.1440	242.0	.1011	.1207	1443.4			1360.5			
6	.0960	145.5	.1213	.1410	1778.3			.1207	.1403	1518.4			1443.4			
7			.1410	.1606	1853.5			.1403	.1598	1577.8			1518.4			
8			.1606	.1803	1890.5			.1598	.1794	1629.2			1577.8			
9			.1803	.2000	1926.1			.1794	.1990	1671.5			1629.2			
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4	.0681	109.6	.0910	.1128	1562.0	.1278	202.3	.0902	.1118	1332.8			1219.7						
5	.0861	118.8	.1128	.1347	1658.3	.1520	210.1	.1118	.1334	1421.0			1332.8						
6	.1040	126.6	.1347	.1565	1742.7		218.0	.1334	.1551	1497.3			1421.0						
7			.1565	.1784	1813.9			.1551	.1767	1556.7			1497.3						
8			.1784	.2002	1865.4			.1767	.1984	1608.1			1556.7						
9			.2002	.2220	1901.0			.1984	.2200	1641.1			1608.1						
10			.2220					.2200					1641.1						
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0	.000	74.0	.000	.0230**	880.5	.0295**	202.3	.000	.0228**	623.3			242.0			
1	.0132*	85.9	.0230**	.0426	1102.6	.0524	203.7	.0228**	.0424	922.5			623.3			
2	.0298	103.1	.0426	.0623	1321.0	.0753	214.2	.0424	.0620	1105.2			922.5			
3	.0463	116.4	.0623	.0820	1482.8	.0982	226.1	.0620	.0816	1246.0			1105.2			
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6	.0960	145.5	.1213	.1410	1778.3			.1207	.1403	1518.4			1443.4			
7			.1410	.1606	1853.5			.1403	.1598	1577.8			1518.4			
8			.1606	.1803	1890.5			.1598	.1794	1629.2			1577.8			
9			.1803	.2000	1926.1			.1794	.1990	1671.5			1629.2			
10			.2000					.1990								

TICKET NO.

611089

	O. D.	I. D.	LENGTH	DEPTH
Drill Pipe or Tubing				
Reversing Sub	6.75"	3.00"	1.0'	
Water Cushion Valve				
Drill Pipe	4"	3.340"	5242'	
Drill Collars	6"	2.25"	640'	
Handling Sub & Choke Assembly				
Dual CIP Valve	5.00"	.87"	4.8'	5888'
Dual CIP Sampler				
Hydro-Spring Tester	5.00"	.75"	5.0'	5893'
Multiple CIP Sampler				
Extension Joint				
AP Running Case	5.00"	3.06"	4.14'	5898'
Hydraulic Jar	5.03"	1.75"	5.0'	
VR Safety Joint	5.00"	1.00"	2.78'	
Pressure Equalizing Crossover				
Packer Assembly	6 3/4"	1.53"	5.81'	5910'
Distributor				
Packer Assembly	6 3/4"	1.53"	5.81'	5916'
Flush Joint Anchor	5 3/4"	2.87"	33'	
Pressure Equalizing Tube				
Blanked-Off B.T. Running Case				
Drill Collars				
Anchor Pipe Safety Joint				
Packer Assembly				
Distributor				
Packer Assembly				
Anchor Pipe Safety Joint				
Side Wall Anchor				
Drill Collars				
Flush Joint Anchor				
Blanked-Off B.T. Running Case	5.75"	2.87"	5'	5951'
Total Depth				5955'

Form 9-331
Dec. 1973Form Approved.
Budget Bureau No. 42-R1424UNITED STATES
DEPARTMENT OF THE INTERIORGEOLOGICAL SURVEY
U.S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

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 Form 9-331-C for such proposals.)

1. oil ☐ gas ☐ other ☒ DRY2. NAME OF OPERATOR
SUNDANCE OIL COMPANY3. ADDRESS OF OPERATOR
Suite 510, 1776 Lincoln St., Denver, CO 80203

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)

AT SURFACE: 660' FNL, 660' FWL, Unit D

AT TOP PROD. INTERVAL:

AT TOTAL DEPTH: Same

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF ☐FRACTURE TREAT ☐SHOOT OR ACIDIZE ☐REPAIR WELL ☐PULL OR ALTER CASING ☐MULTIPLE COMPLETE ☐CHANGE ZONES ☐ABANDON* ☐(other) ☒

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, 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 zones pertinent to this work.)*

P & A as follows:

Plug #1: 55 sx Class H from 5807' to 5988'

Plug #2: 35 sx Class H from 4933' to 5033'

Plug #3: 35 sx Class H from 4256' to 4356'

Plug #4: 35 sx Class H from 2074' to 2174'

Plug #5: 35 sx Class H from 1053' to 1153'

Plug #6: 20 sx at surface.

Rig released at 12 noon, 1/27/80.

Subsurface Safety Valve: Manu. and Type _____

18. I hereby certify that the foregoing is true and correct

SIGNED

Richard O. De...

TITLE V-P, Production

DATE

January 29, 1980

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

(Orig. Sgd.) PETER W. CHESTER

TITLE

DATE

JUN 10 1981

FOR

JAMES A. GILLHAM
DISTRICT SUPERVISOR

See Instructions on Reverse Side

RECEIVED

FEB 4 1980

5. LEASE
NM-10896

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Johnston-Federal

9. WELL NO.

1

10. FIELD OR WILDCAT NAME

Undesignated Montoya

11. SEC., T., R., M. OR BLK. AND SURVEY OR AREA

NW NW Section 35, T.11S., R.26E.

12. COUNTY OR PARISH

Chaves

13. STATE

New Mexico

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)

3606' GL, 3616' KB

(NOTE: Report results of multiple completion or zone change on Form 9-330.)