

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

FORM APPROVED
OMB NO. 1004-0137
Expires: January 31, 2004

- 1a. Type of Well ☐ Oil Well ☒ Gas Well ☐ Dry Other ☐
b. Type of Completion: ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Rev. ☐
Other _____

2. Name of Operator
SCHALK DEVELOPMENT CO.3. Address
P.O. Box 25825, Albuquerque, NM 871253a. Phone No. (include area code)
(505) 881-6649

4. Location of Well (Report location clearly and in accordance with Federal requirements)*

At surface 2,480' FSL & 690' FWL

At top prod. interval reported below 1,735' FSL & 659' FWL

At total depth 1,735' FSL & 659' FWL

14. Date Spudded
5/15/0315. Date T.D. Reached
6/01/0316. Date Completed
☐ D & A ☒ Ready to Prod.
8/28/0318. Total Depth: MD 5,996'
TVD 5,867'19. Plug Back T.D.: MD 5,996'
TVD 5,867'20. Depth Bridge-Plug Set: MD
TVD21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
Induction/SP-GR-Caliper Cement Bond Log
Litho Density Compensated Neutron22. Was well cored? ☒ No ☐ Yes (Submit analysis)
Was DST run? ☒ No ☐ Yes (Submit report)
Directional Survey? ☐ No ☒ Yes (Submit copy)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12-1/4"	8-5/8"	24	Surf.	241 228'	-	200 sks	178	Surface	
	J55					Cl. B			
7-7/8"	4-1/2"	11.6	Surf.	5,996'	5,347' & 2,423'	161696 sks	544.04	Surface	
						Versalite			

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.375"	5,774'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Blanco Mesa Verde	5,718'	5,728'	5,719-5,728	.43"	10	Open
B)			5,746'-5,755'	.43"	9	Open
C)			5,790'-5,804'	.43"	14	Open
D)			5,808'-5,818'	.43"	10	Open

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
5,718'-5,818'	Ball off and breakdown with 1,500 gal. 15% HCl; fracture with 92,225 GLS 650 Foamed slick H2O and 121,080 lbs. 20/40 sand.

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
	9/2/03	6	→	0	150	0		.69	Dry Flow Meter
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
1.000	SI 820	825	→	0	450	2		Shut in	

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						SEP 04 2003
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	

FARMINGTON FIELD OFFICE

NMOCD

3b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Flow Rate	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	

3c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Flow Rate	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	

3. Disposition of Gas (Sold, used for fuel, vented, etc.)

Vented

3. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top Meas. Depth
Ojo Alamo	2640	2670	Water	Ojo Alamo	2640'
Kirtland	2900	2960	Water	Kirtland	2900'
Fruitland	3220	3560	Water, gas	Fruitland	3220'
Pic. Cliffs	3560	3660	Water, gas	Pictured Cliffs	3560'
Lewis	3660	5465	Water, gas	Lewis	3660'
Cliffhouse	5465	5490	Water, gas	Cliffhouse	5465'
Point Lookout	5760	5870	Gas, water	Point Lookout	5760'

2. Additional remarks (include plugging procedure):

3. Circle enclosed attachments:

1. Electrical/Mechanical Logs (1 full set req'd.)

2. Geologic Report

3. DST Report

4. Directional Survey

5. Sundry Notice for plugging and cement verification

6. Core Analysis

7. Other:

4. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*

Name (please print) Steve Schalk

Title General Manager

Signature

Date 9/03/03

Under the 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.

May 27, 2003
3:01 pm

PathTracker 4.0
Survey Calculation Program
BIGHORN DIRECTIONAL INC.

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Customer: SCHALK DEVELOPEMENT CO.
WellName: SCHALK 52 #6A
Location: RIO ARRIBA COUNTY, NM
BDI REP: DERRIL GLEIM
MWD REP

Vertical Section Calculated on: 350.0000

Survey Calculation Method: Minimum Curvature

FileName: C:\PATHTRKR\SHK6A.SR3

#	Depth Feet	Inc Degrees	Azimuth Degrees	TVD Feet	North Feet	East Feet	Section Feet	Dogleg /100f
0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1	255.00	0.70	98.00	254.99	-0.22	1.54	-0.48	0.27
2	313.00	1.10	54.60	312.99	0.06	2.35	-0.35	1.31
3	369.00	2.60	20.80	368.96	1.56	3.24	0.97	3.20
4	432.00	4.80	8.00	431.82	5.50	4.11	4.70	3.71
5	494.00	6.30	3.10	493.53	11.47	4.66	10.49	2.54
6	556.00	8.20	359.20	555.03	19.29	4.78	18.16	3.16
7	619.00	9.80	353.70	617.26	29.11	4.13	27.95	2.88
8	682.00	11.60	351.40	679.16	40.70	2.59	39.63	2.94
9	744.00	13.40	350.70	739.69	53.96	0.50	53.05	2.91
10	806.00	14.70	348.40	799.83	68.75	-2.24	68.10	2.28
11	869.00	15.10	347.10	860.71	84.58	-5.68	84.28	0.83
12	930.00	15.00	347.50	919.62	100.03	-9.17	100.11	0.24
13	992.00	15.00	347.60	979.51	115.70	-12.63	116.14	0.04
14	1055.00	15.10	347.20	1040.35	131.67	-16.19	132.48	0.23
15	1118.00	15.20	347.00	1101.16	147.72	-19.87	148.92	0.18
16	1180.00	15.40	346.30	1160.96	163.63	-23.65	165.25	0.44
17	1241.00	15.30	346.40	1219.78	179.33	-27.46	181.37	0.17
18	1362.00	15.50	346.00	1336.44	210.53	-35.12	213.43	0.19
19	1519.00	16.00	347.00	1487.54	251.97	-45.07	255.97	0.36
20	1797.00	17.25	346.00	1753.92	329.30	-63.66	335.35	0.46
21	2001.00	18.50	351.00	1948.08	390.62	-76.04	397.89	0.97
22	2263.00	18.75	355.00	2196.37	473.63	-86.21	481.40	0.50
23	2508.00	18.75	359.00	2428.38	552.23	-90.33	559.52	0.52
24	2796.00	19.25	2.00	2700.69	645.96	-89.48	651.68	0.38
25	3068.00	17.00	5.00	2959.18	730.39	-84.45	733.96	0.90
26	3194.00	16.25	7.00	3079.92	766.24	-80.70	768.61	0.75
27	3350.00	15.00	7.00	3230.15	807.94	-75.58	808.79	0.80
28	3443.00	14.25	8.00	3320.13	831.22	-72.52	831.19	0.85
29	3567.00	13.75	9.00	3440.45	860.89	-68.09	859.64	0.45
30	3786.00	12.00	11.00	3653.94	908.95	-59.67	905.50	0.82
31	4034.00	8.50	15.00	3897.95	951.97	-50.01	946.19	1.44
32	4314.00	7.00	9.00	4175.38	988.82	-41.98	981.08	0.61
33	4759.00	3.75	10.00	4618.37	1029.94	-35.21	1020.41	0.73
34	5127.00	2.50	3.00	4985.81	1049.81	-32.70	1039.54	0.35

May 27, 2003
3:01 pm

PathTracker 4.0
Survey Calculation Program
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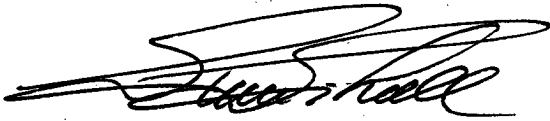
Customer: SCHALK DEVELOPEMENT CO.
WellName: SCHALK 52 #6A
Location: RIO ARRIBA COUNTY, NM
BDI REP. DERRIL GLEIM
MWD REP

Vertical Section Calculated on: 350.0000
Survey Calculation Method: Minimum Curvature
FileName: C:\PATHTRKR\SHK6A.SR3

#	Depth Feet	Inc Degrees	Azimuth Degrees	TVD Feet	North Feet	East Feet	Section Feet	Dogleg /100f
35	5537.00	0.75	10.00	5395.63	1061.38	-31.77	1050.77	0.43
Ext	<u>5992.00</u>	0.25	10.00	5850.62	<u>1065.29</u>	<u>-31.08</u>	1054.50	0.11

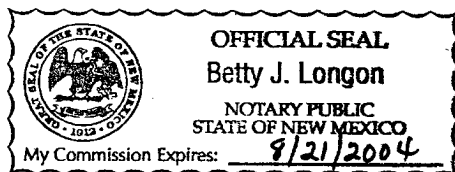
Closure is 1065.7450 Feet on an azimuth of 358.3290

SCHALK DEVELOPMENT COMPANY


Steve Schalk

STATE OF NEW MEXICO
COUNTY OF BERNALILLO

Subscribed and sworn to before me, a Notary Public, this
2nd day of September, 2003 by Steve Schalk.




Notary Public
8/21/2004
My Commission Expires