

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐		5. LEASE DESIGNATION AND SERIAL NO. 1-149-IND-8182	
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other ☐		6. IF INDIAN, ALLOTTEE OR TRIBE NAME NAVAJO	
2. NAME OF OPERATOR M. R. SCHALK		7. UNIT AGREEMENT NAME -----	
3. ADDRESS OF OPERATOR P O BOX 25825 ALBUQUERQUE NM 87125		8. FARM OR LEASE NAME Charles HOSH	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface NW/4 SE/4 SEC. 12 At top prod. interval reported below At total depth 1850' FSL; 1540' FEL; Sec. 12		9. WELL NO. 1E	
14. PERMIT NO. -----		10. FIELD AND POOL, OR WILDCAT BASIN DAKOTA	
DATE ISSUED 1/19/82		11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA SEC. 12, T-27N, R-13W	
15. DATE SPUDDED 1/21/82		12. COUNTY OR PARISH SAN JUAN	
16. DATE T.D. REACHED 1/31/82		13. STATE NEW MEXICO	
17. DATE COMPL. (Ready to prod.) 4/13/82		18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 5794' GR	
19. ELEV. CASINGHEAD 5794'		20. TOTAL DEPTH, MD & TVD 6062'	
21. PLUG, BACK T.D., MD & TVD 6018'		22. IF MULTIPLE COMPL., HOW MANY* ---	
23. INTERVALS DRILLED BY -->		24. ROTARY TOOLS ALL	
25. WAS DIRECTIONAL SURVEY MADE NO		26. TYPE ELECTRIC AND OTHER LOGS RUN COMPENSATED NEUTRON/COMPENSATED DENSITY; DUAL INDUCTION-SFL	
27. WAS WELL CORED NO		28. CASING RECORD (Report all strings set in well)	
Casing Size		Weight, lb./ft.	
8 5/8"		24#	
5 1/2"		15.5#	
Depth Set (MD)		Hole Size	
272'		12 1/4"	
6060'		7 7/8"	
325 SKS CLASS 'B'		1st 330 SKS CLASS 'B'	
2nd 412 SKS CLASS 'B'		3rd 227 SKS CLASS 'B'	
29. LINER RECORD		30. TUBING RECORD	
Size		Size	
TOP (MD)		DEPTH SET (MD)	
BOTTOM (MD)		PACKER SET (MD)	
SACKS CEMENT*		SCREEN (MD)	
5928' - 5958'		2 3/8"	
5880' - 5889'		5951'	
5890' - 5896'		TOTAL 120 HOLES	
5908' - 5918'		31. PERFORATION RECORD (Interval, size and number)	
.34" (2SPF)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
5872' - 5878'		DEPTH INTERVAL (MD)	
5872' - 5958'		AMOUNT AND KIND OF MATERIAL USED	
12,264 GAL 2% KCL; 82,000 GAL MINI-MAX III 40 W/5% HYDROCARBON PHASE		233,000# 20/40 SAND	
33. PRODUCTION		DATE FIRST PRODUCTION 4/29/82	
PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) FLOWING		WELL STATUS (Producing or shut-in) SHUT-IN	
DATE OF TEST 4/29/82		HOURS TESTED 3	
CHOKE SIZE 3/4"		PROD'N. FOR TEST PERIOD -----	
OIL—BBL. -----		GAS—MCF. 181	
WATER—BBL. -----		GAS-OIL RATIO N/A	
FLOW. TUBING PRESS. 91		CASING PRESSURE 549	
CALCULATED 24-HOUR RATE -----		OIL—BBL. -----	
GAS—MCF. 1450		WATER—BBL. -----	
OIL GRAVITY-API (CORR.) N/A		34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) TO BE SOLD	
TEST WITNESSED BY J.E. EVANS		35. LIST OF ATTACHMENTS CEMENT RECORD AND LOGS	
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records		SIGNED STEVE SCHALK	
TITLE AGENT		DATE 5/3/82	

*(See Instructions and Spaces for Additional Data on Reverse Side)

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BY

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INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

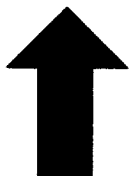
If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. **Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool. **Item 33:** Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES: 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				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
FRUITLAND	917'	1273'	WATER	FRUITLAND	917'	
PICTURE CLIFFS	1273'	2147'	WATER	CLIFFS	1273'	
MESAVERDE	2147'	4886'	WATER	MESAVERDE	2147'	
GALLUP	4886'	5871'	OIL AND WATER	GALLUP	4886'	
GRANEOUS DAKOTA	5871'	5928'	GAS	GRANEOUS DAKOTA	5871'	
DAKOTA	5928'	6062'	GAS AND WATER	DAKOTA	5928'	



LTR



Job separation sheet

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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.)

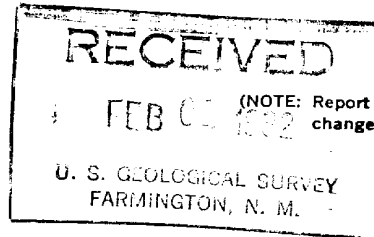
1. oil ☐ well gas ☒ well other ☐
2. NAME OF OPERATOR
M.R. SCHALK
3. ADDRESS OF OPERATOR
P O BOX 25825 ALBUQUERQUE NM 87125
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 1850' FSL; 1540' FEL; SEC. 12
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:
16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

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

SUBSEQUENT REPORT OF:

- ☐
☐
☐
☐
☐
☐
☐
☐
☐
☐



5. LEASE
I-149-IND-8182
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
NAVAJO
7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
CHARLES HOSH
9. WELL NO.
1E
10. FIELD OR WILDCAT NAME
BASIN DAKOTA
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
SEC. 12, T-27N, R-13W
12. COUNTY OR PARISH
SAN JUAN
13. STATE
NEW MEXICO
14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)
5794' GL

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.)*

1/21/82

SPUD AND DRILLED 12 1/4" SURFACE HOLE TO 311'

RAN 7 JTS 8 5/8" SURFACE CASING, SET AT 272'.

CEMENTED W/325 SKS CLASS 'B' 2% CALCIUM CHLORIDE

Subsurface Safety Valve: Manu. and Type

Set @ _____ Ft.

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

SIGNED STEVE SCHALK TITLE AGENT DATE 1/29/82

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

NMOCC

FARMINGTON DISTRICT
BY 643

FEB 2 1981

ACCEPTED FOR RECORD

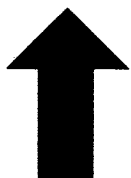
RECEIVED
FEB 3 1982
OIL CON. COM.
DIST. 3

RECEIVED

FEB 02 1982

U. S. GEOLOGICAL SURVEY
FARMINGTON, N. M.

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



LTR



Job separation sheet

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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 ☐ well gas ☒ well other ☐

2. NAME OF OPERATOR
M.R. SCHALK

3. ADDRESS OF OPERATOR
P O BOX 25825 ALBUQUERQUE NM 87125

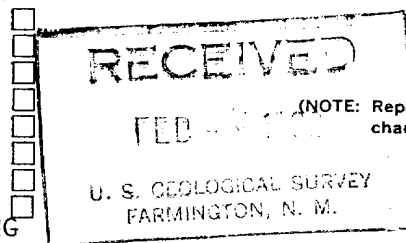
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 1850' FSL; 1540' FEL; SEC. 12
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

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

REQUEST FOR APPROVAL TO:

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

SUBSEQUENT REPORT OF:



5. LEASE
I-149-IND-8182

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
NAVAJO

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
CHARLES HOSH

9. WELL NO.
1E

10. FIELD OR WILDCAT NAME
BASIN DAKOTA

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
SEC. 12, T-27N, R-13W

12. COUNTY OR PARISH 13. STATE
SAN JUAN NEW MEXICO

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)
5794' GL

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.)*

2/1/82

Ran 147 jts. 5 1/2" 15.5# Production Casing. Set at 6060'.

Cemented in three stages:

1st. 230 sks Class 'B' 50/50 poz, 6% Gel, 2# Med. Tuf Plug p/sk. Followed w/100 sks Class 'B' neat.

2nd. 312 sks Class 'B' 65/35 poz, 6% Gel, 2# Med Tuf Plug p/sk. Followed w/100 sks Class 'B' neat.

CONTINUED.....

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

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

SIGNED STEVE SCHALK TITLE AGENT DATE 2/8/82

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

ACCEPTED FOR RECORD

*See Instructions on Reverse Side

FEB 16 1982

NMOCC

FARMINGTON DISTRICT
BY Elliott

Instructions

General: This form is designed for submitting proposals to perform certain well operations, and reports of such operations when completed, as indicated, on Federal and Indian lands pursuant to applicable Federal law and regulations, and, if approved or accepted by any State, on all lands in such State, pursuant to applicable State law and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 17: Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by local Federal and/or State offices. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones, or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to top of any left in the hole; method of closing top of well; and date well site conditioned for final inspection looking to approval of the abandonment.

GPO : 1976 O - 214-148

Circulated to surface.

3rd. 127 sks Class 'B' 65/35 poz; 6% Gel
2# Med. Tuf Plug p/sk. Followed
w/100 sks Class 'B' neat.

17. CONTINUED.....