

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R355.6.

5. LEASE DESIGNATION AND SERIAL NO.

NM-10522

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Michaels

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Wildcat

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

Sec. 20-T15N-R6W

12. COUNTY OR PARISH

McKinley

13. STATE

NM

10. ELEV. CASINGHEAD

6620' GR

23. INTERVALS DRILLED BY

XX

22. IF MULTIPLE COMPL., HOW MANY*

25. WAS DIRECTIONAL SURVEY MADE

Yes

27. WAS WELL CORED

No

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL GAS WELL DRY Other _____

b. TYPE OF COMPLETION: NEW WELL WORK OVER DEEP-EN PLUG BACK DIFF. RENOV. Other Dry Hole

2. NAME OF OPERATOR

Terra Oil Corp.

3. ADDRESS OF OPERATOR

8000 E. Girard, Suite 302, Denver, Colorado 80231

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface 660' FNL, 1220' FWL

At top prod. interval reported below Same

At total depth Same

14. PERMIT NO. DATE ISSUED

15. DATE HUDDLED 16. DATE T.D. REACHED 17. DATE COMPL. (Ready to prod.)

1-31-80 2-17-80

20. TOTAL DEPTH, MD & TVD 21. PLUG, BACK T.D., MD & TVD

3435'

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

26. TYPE ELECTRIC AND OTHER LOGS RUN

Gamma Ray - Resistivity - Caliper - Deviation

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8	32#	120	10 3/4	Cement circulated to surface by National Cementers	-0-

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)

31. PERFORATION RECORD (Interval, size and number)

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED

33.* PRODUCTION

DATE FIRST PRODUCTION PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) WELL STATUS (Producing or shut-in)

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) TEST WITNESSED BY

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from (a) _____

SIGNED Peter D. Wilson TITLE Superintendent of Operations DATE January 15, 1981

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

NMOCC

FACILITY DISTRICT

JAN 26 1981

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 36.

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.

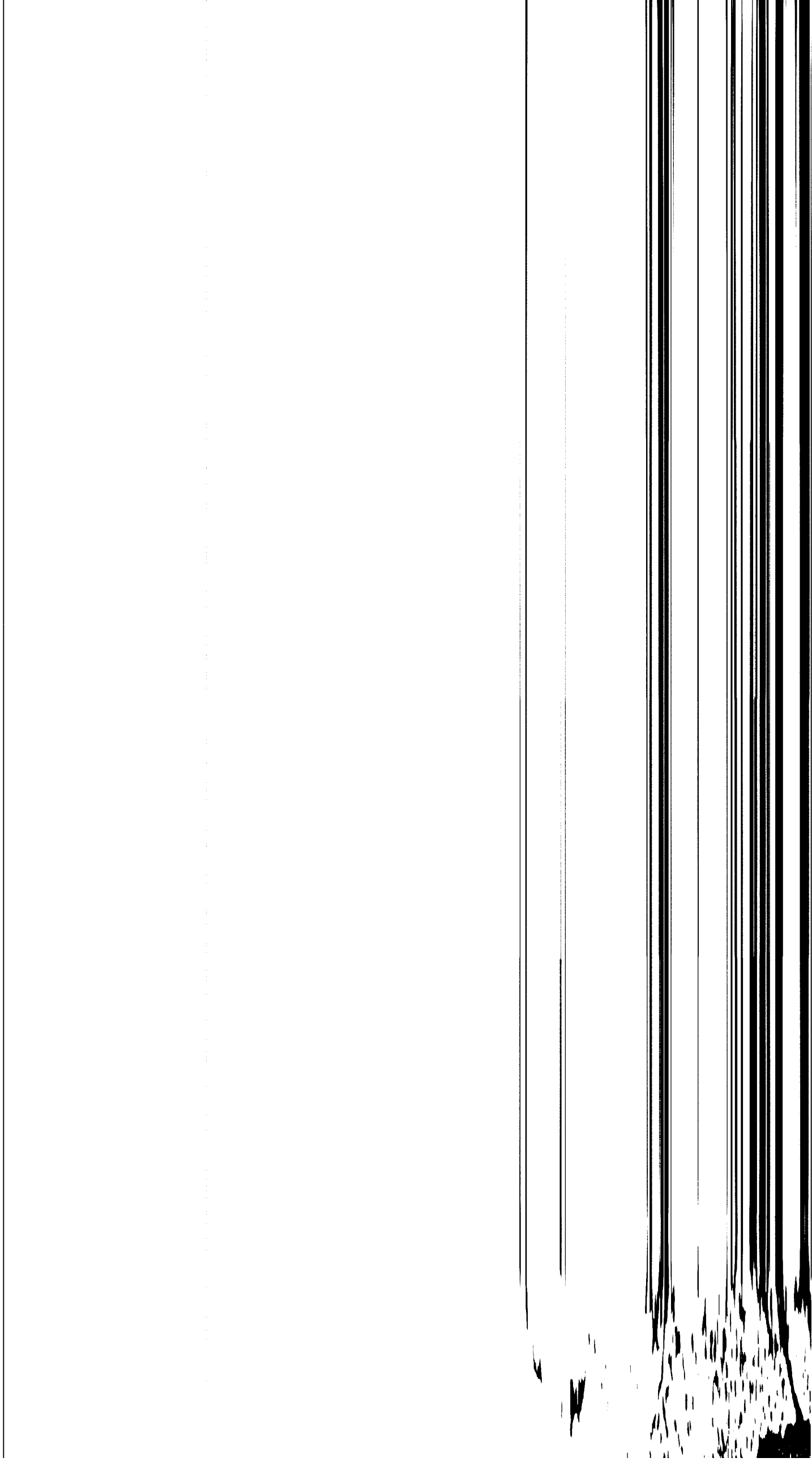
Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

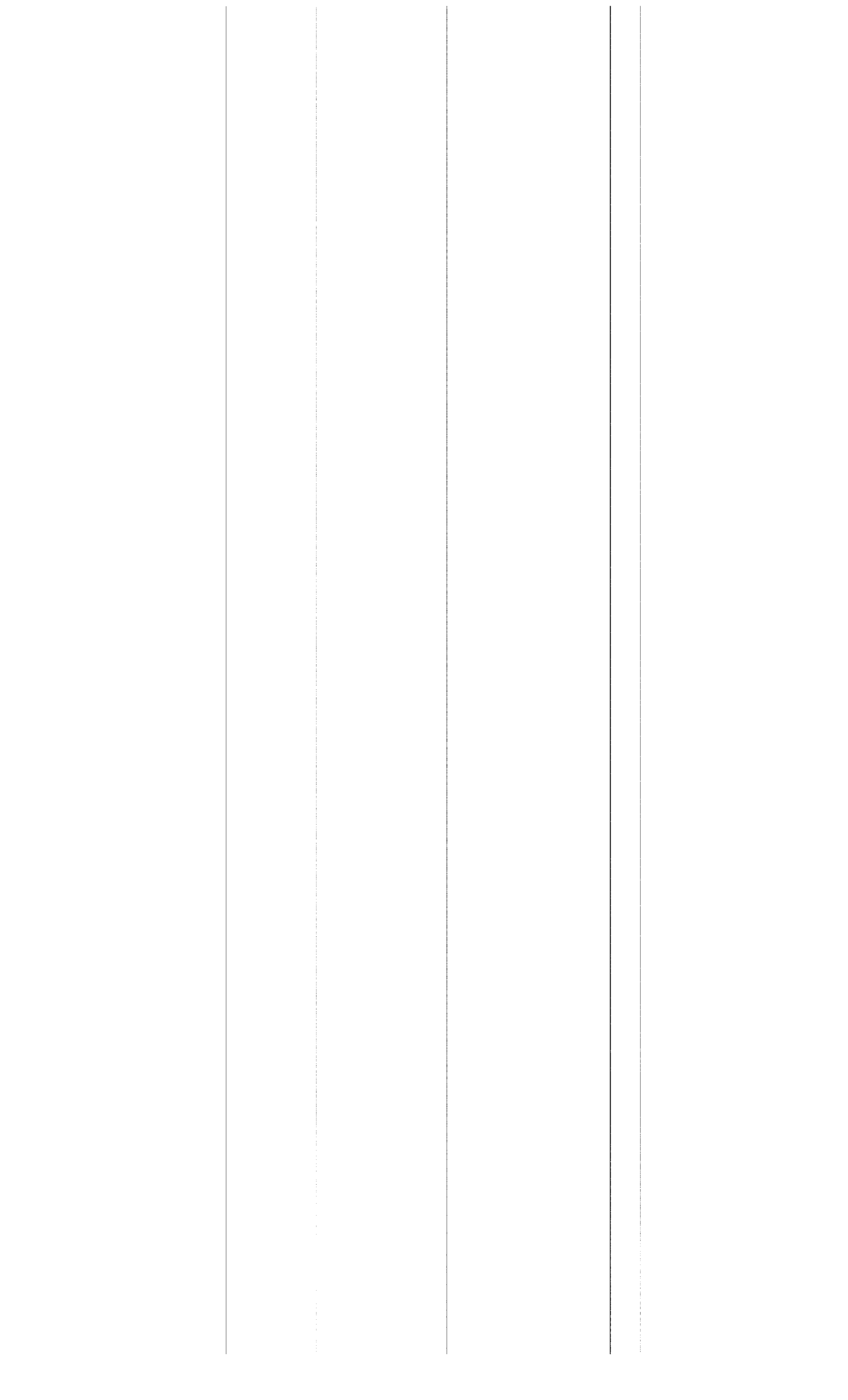
Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate 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, LOWING AND SHUT-IN PRESSURES, AND RECOVERIES		38. GEOLOGIC MARKERS							
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.						
			<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 60%; padding: 5px;">NAME</th> <th style="width: 20%; padding: 5px;">MEAS. DEPTH</th> <th style="width: 20%; padding: 5px;">TELE. TEST. DEPTH</th> </tr> </thead> <tbody> <tr> <td style="height: 100px;"></td> <td></td> <td></td> </tr> </tbody> </table>	NAME	MEAS. DEPTH	TELE. TEST. DEPTH			
NAME	MEAS. DEPTH	TELE. TEST. DEPTH							





TERRA MICHAELS #1
Geologic Tops

Top Hosta Sand	(Ksh) - 368
Top Upper Hospah	(Kgh) -1121
Top Lower Hospah	(Kgh) -1161
Top Massive Gallup	(Kg) -1214
Top Mancos	(Km) -1321
Top Dakota A	(Kd A)-2037
Top Dakota B	(Kd B)-2144
Top Dakota C	(Kd C)-2208
Top Dakota D	(Kd D)-2309
Top Dakota E	(Kd E)-2388
Top Morrison	(Jm) -2412
Top Todilto	(Jt) -3314
Top Entrada	(Jte) -3367

TERRA MICHAELS #2

Top Hosta	(Ksh) - 421
Top Upper Hospah	(Kgh) -1141

FIELD RECEIPT

CUSTOMER <i>Tennaco Oil Corp</i>		DATE SERVICE PERFORMED <i>2-18-80</i>	
MAIL INVOICE TO <i>5000 East Grand Ave</i>		CITY <i>Grand</i>	STATE <i>CO</i>
STATION <i>45 mi</i>		SERVICE SUPERVISOR <i>Pearce - Home</i>	JOB NUMBER <i>80251</i>
WELL NAME AND NUMBER <i>Michals #1</i>		LOCATION (FIELD, CITY, POOL, SECTION) <i>Michals #1</i>	
COUNTY <i>Mackinley</i>	STATE <i>New Mexico</i>	PURCHASE ORDER NUMBER	CUSTOMER REPRESENTATIVE (PRINT) <i>Mike ...</i>

UNITS	CODE	DESCRIPTION	UNIT PRICE	AMOUNT
	CF-009-02	Pump Charge	1039.00	1039.00
4		Plus per 100' Below	7.31	29.20
45 mi	CF-200-10	Pump Mileage	1.50	67.50
350 cu	CM-010-100-C	Cement	5.75	2,012.50
350 cu	CM-600-60	Service Charge	.71	248.50
140.25	CM-700-750	Delivery Charge	.50	370.13
				3766.83
	CF-009-900	Additional 4 hours	440.00	440.00
4 cu	CM-051-010	Calcium Chloride	21.40	85.60
				4292.43
				160.97
				4453.40
		1. 3400-3225	50 cu	
		2. 2500-2325	50 cu	
		3. 1900-1725	50 cu	
		4. 1000-825	50 cu	
		5. 600-425	50 cu	
		6. 400-225	50 cu	
		7. 100-18	25 cu	
		Surface	25 cu	

JOB TYPE <i>P.T.A.</i>	WELL TYPE <i>Oil</i>	APPROVED BY <i>[Signature]</i>
		PUMP TRUCK NUMBER <i>1604</i>

Time left Station _____
 Time on Location *2-18 12:30* : *1:00*
 Time Start Job *4:30* : *2:30* } *2-19*
 Time Stop Job *8:30* : *6:00*
 Arrive Station/Location _____

By signing this receipt, customer acknowledges that he has read, is familiar with and accepts all terms and conditions of sale in current price book and on the reverse side of this field receipt.

x *[Signature]*

CENTURY GEOPHYSICAL CORPORATION

*** VERTICAL DEVIATION SURVEY ***

COMPU-LOG V3L1 DEVIATION

HOLE ID: MICHEALS #1

TD = TOTAL DEPTH
T = TOP OF ZONE
B = BOTTOM OF ZONE

DEPTH	TRUE DEPTH	NORTH DEV	EAST DEV	DISTANCE	AZIMUTH	SA	SAB
.0	.00	.00	.00	.0	.0	.0	.0
2000.0	199.99	-.08	-.20	.2	247.0	.0	247.0
400.0	399.99	.35	.02	.3	3.8	.1	27.5
6000.0	599.97	1.45	-.35	1.4	346.3	.3	341.1
800.0	799.96	2.72	-.21	2.7	355.5	.3	6.2
1000.0	999.95	4.82	-.05	4.8	359.2	.6	4.1
1200.0	1199.92	7.82	1.01	7.8	7.3	.9	19.7
1400.0	1399.84	12.51	1.18	12.5	5.4	1.3	2.1
1600.0	1599.52	22.80	-.25	22.8	359.3	2.9	352.0
1800.0	1798.77	39.51	-3.51	39.6	354.9	4.8	348.9
2000.0	1998.06	55.76	-6.50	56.1	353.3	4.7	349.5
2200.0	2197.59	68.85	-8.21	69.3	353.1	3.7	352.5
2400.0	2397.28	79.48	-10.59	80.1	352.4	3.1	347.3
2600.0	2597.09	87.75	-12.18	88.5	352.0	2.4	349.1
2800.0	2797.03	91.81	-14.83	93.0	350.8	1.3	326.8
30000.0	2997.00	94.20	-16.85	95.7	349.8	.8	319.8
3200.0	3196.98	93.01	-16.23	94.4	350.0	.3	152.5
3400.0	3396.94	89.76	-14.12	90.8	351.0	1.1	147.0
TD3435.0	3431.93	89.83	-13.97	90.9	351.1	.2	67.4