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*

RECEIVED
MAY 28 1985
BUREAU OF LAND MANAGEMENT
FARMINGTON RESOURCE AREA

1a. TYPE OF WELL: OIL WELL [X] GAS WELL [ ] DRY [ ] Other

b. TYPE OF COMPLETION: NEW WELL [X] WORK OVER [ ] DEEP-EN [ ] PLUG BACK [ ] DIFF. RESVR. [ ] Other

2. NAME OF OPERATOR
WESTERN INTERNATIONAL PETROLEUM

3. ADDRESS OF OPERATOR
P.O. Drawer 3307, Farmington, New Mexico 87499

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface 2310' FEL and 330' FSL
At top prod. interval reported below
At total depth

RECEIVED
JUN 10 1985
OIL CON. DIV.
DIST. 3

5. LEASE DESIGNATION AND SERIAL NO.: NM 58917
6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
7. UNIT AGREEMENT NAME:
8. FARM OR LEASE NAME: Western Federal
9. WELL NO.: 1
10. FIELD AND POOL, OR WILDCAT: Horseshoe Gallup
11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA: Sec. 11, T30N, R16W
12. COUNTY OR PARISH: San Juan
13. STATE: NM

14. PERMIT NO.
DATE ISSUED: 4-13-85

15. DATE SPUDDED	16. DATE T.D. REACHED	17. DATE COMPL. (Ready to prod.)	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*	19. ELEV. CASINGHEAD
3-16-85	3-29-85	4-28-85	5425 GR 5431 KB	5425

20. TOTAL DEPTH, MD & TVD	21. PLUG, BACK T.D., MD & TVD	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY	ROTARY TOOLS	CABLE TOOLS
2529'	2484-		→	All	

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
2403'-22' Lower Gallup
2442'-47' Upper Tocito
2462'-67' Lower Tocito

25. WAS DIRECTIONAL SURVEY MADE: YES

26. TYPE ELECTRIC AND OTHER LOGS RUN
Induction and Density

27. WAS WELL CORED: YES

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9 5/8"	36	128	12 1/4	153 cf (125sx)	None
7"	20	1710	8 3/4	609 cf (459sx)	None

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)
4 1/2"	1661'	2529'	110cf(100sx)	NA

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 3/8"	2398'	NA

31. PERFORATION RECORD (Interval, size and number)
2403'-22' 76 holes 0.34" dia.
2442'-47' 20 holes 0.34" dia.
2462'-67' 20 holes 0.34" dia.

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
2403'-22'	500 gal 7 1/2% HCL Acid
2442'-47'	250 gal 7 1/2% HCL Acid
2462'-67'	250 gal 7 1/2% HCL Acid
2403'-67'	38,814 gal 20# Cross Link Gel
	40,000# 10/20 sand

33.* PRODUCTION

DATE FIRST PRODUCTION	METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)
4-28-85	Pmp - 1 1/4 Insert Pump	Producing

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD →	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
5-1-85				17	9	23	529

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
			17	9	23	41

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

35. LIST OF ATTACHMENTS
Logs, Electric Logs

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED [illegible] TITLE Accountant International DATE May 28, 1985

ACCEPTED FOR RECORD
JUN 04 1985
FARMINGTON RESOURCE AREA
BY

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

NMOCC

INSTRUCTIO

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

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
CORE DESCRIPTIONS ATTACHED			

38. GEOLOGIC MARKERS

NAME	TOP MEAS. DEPTH	TOP TRUE VERT. DEPTH
Gallup	2260'	

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GPO 837-467

CORE LABORATORIES, INC.

Petroleum Reservoir Engineering

DALLAS, TEXAS

INTL. PETROLEUM
[illegible]ERAL
CANYON
[illegible]AN,NEW MEXICO

DATE : 1-APRIL-1985
FORMATION : GALLUP
DRLG. FLUID: AIR
LOCATION : SW,SE SEC. 11-T30N-R16W

FILE NO : 3803-003381
ANALYSTS : DS;EV
ELEVATION: 5425 GL

CONVENTIONAL ANALYSIS-BOYLE'S LAW POROSITY

SAMPLE NUMBER	DEPTH	PERM. TO AIR (MD) MAXIMUM	90 DEG	POR. He	FLUID SATS. OIL	WTR	GRAIN DEN	DESCRIPTION
	2368.0-78.0							
1	2378.0-79.0	0.12		3.8	1.8	91.7	2.66	SHALE SLTY/SLTY -- NO ANALYSIS
	2379.0-80.0	<0.01		4.5	1.7	85.6	2.65	SD GRY VFN-FNGRD SLTY/SLTY
	2380.0-81.0	0.06		3.2	3.2	82.4	2.66	SD GRY VFN-FNGRD SLTY/SLTY
	2381.0-82.0							SD WH VF-FNGRD GLAU
	2382.0-83.0	0.10		5.8	0.0	88.4	2.65	CORE LOSS
	2383.0-84.0	0.06		4.9	2.0	78.4	2.66	SD WH FN-MDGRD GLAU
	2384.0-85.0	13.		10.6	12.9	30.2	2.66	SD WH FN-MDGRD GLAU
7	2385.0-86.0	6.49		10.0	12.9	38.6	2.66	SD WH VF-FNGRD GLAU
8	2386.0-87.0	11.		10.9	16.4	49.1	2.65	SD WH FN-MDGRD GLAU
9	2387.0-88.0	23.		13.0	15.2	52.0	2.66	SD WH FN-MDGRD GLAU SLTY/SLTY
10	2388.0-89.0	119.		13.9	13.8	35.5	2.65	SD WH FN-MDGRD GLAU
11	2389.0-90.0	83.		13.5	10.0	53.4	2.66	SD WH FN-MDGRD GLAU
12	2390.0-91.0	0.04		4.1	9.6	49.2	2.65	SD WH FN-MDGRD GLAU
	2391.0-92.0	0.07		3.7	13.3	56.2	2.67	SD WH FN-MDGRD GLAU SLTY/SLTY
	2392.0-93.0	161.		14.2	11.6	43.6	2.70	SD WH FN-MDGRD GLAU SLTY/SLTY SHY
	2393.0-94.0	0.80		9.8	19.4	45.0	2.65	SD WH FN-MDGRD GLAU SLTY/SLTY
	2394.0-95.0	0.11		5.6	13.6	44.1	2.69	SD WH FN-MDGRD GLAU SLTY/SLTY
	2395.0-96.0	158.		17.3	15.7	47.2	2.66	SD WH FN-MDGRD GLAU SLTY/SLTY
18	2396.0-97.0	139.		18.5	13.2	43.2	2.65	SD WH FN-MDGRD GLAU SLTY/SLTY
19	2397.0-98.0	161.		15.7	11.8	42.4	2.65	SD WH FN-MDGRD GLAU
20	2398.0-99.0	33.		13.8	10.9	43.8	2.66	SD WH FN-MDGRD GLAU
21	2399.0-00.0	31.	Adj 367.67	14.9	12.2	40.9	2.66	SD WH FN-MDGRD GLAU
	2400.0-01.0	27.		13.0	7.3	62.5	2.65	SD WH FN-MDGRD GLAU
	2401.0-02.0	0.03		7.6	7.6	64.8	2.65	SD WH FN-MDGRD GLAU
	2402.0-03.0	0.04		8.8	1.4	68.5	2.66	SD GRY FN-MDGRD GLAU SLTY/SLTY
	2403.0-04.0	0.01		7.7	0.0	64.9	2.66	SD GRY VF-FNGRD GLAU SLTY/SLTY
	2404.0-05.0	0.28		7.9	8.8	54.7	2.67	SD GRY VF-FNGRD GLAU SLTY/SLTY
							2.65	SD GRY VF-FNGRD GLAU SLTY/SLTY

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CORE LABORATORIES, INC.

Petroleum Reservoir Engineering

DALLAS, TEXAS

[UNIT, PETROLEUM]
[FIELD]

DATE : 1-APRIL-1985
FORMATION : GALLUP

FILE NO : 3803-003381
ANALYSTS : DS/EV

CONVENTIONAL ANALYSIS-BOYLE'S LAW POROSITY

DEPTH	PERM. TO AIR (MD) MAXIMUM	90 DEG	POR. He	FLUID SATS. OIL	WTR	GRAIN DEN	DESCRIPTION
2405.0-06.0	0.03		5.7	1.5	73.7	2.71	SD GRY FN MDGRD SL/SLTY
2406.0-07.0	0.08		5.6	2.0	78.2	2.67	SD GRY FN MDGRD SL/SLTY
2407.0-08.0	0.01		1.6	1.4	56.7	2.71	SD GRY VFGRD SL/SLTY CALC
2408.0-09.0	0.04		2.8	2.7	64.0	2.60	SD DKGRY VFGRD SLTY
2409.0-20.0							SHALE NO ANALYSIS
2420.0-30.0							CORE LOSS
2430.0-75.0							DRILLED TO LOWER CORE
2475.0-06.0							SHALE SL/SLT -- NO ANALYSIS
2506.0-26.0							CORE LOSS

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