(Rev. 5-63)

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*

5. LEASE DESIGNATION AND SERIAL NO.: NM-33031

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A

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

7. UNIT AGREEMENT NAME: N/A

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

8. FARM OR LEASE NAME: Serendipity

2. NAME OF OPERATOR: Oxoco Production Corp.

9. WELL NO.: 1

3. ADDRESS OF OPERATOR: P.O. Box 255, Farmington, N.M. 87401

10. FIELD AND POOL, OR WILDCAT: Bisti-Gallup

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface: 1650 ft. fSl, 2310 ft. fEl
At top prod. interval reported below: same
At total depth: same

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA: Sec. 26, T26N-R13W NMPM

JUN 30 1983
OIL CON. DIV.
DIST. 3
RECEIVED
JUN 24 1983
U. S. GEOLOGICAL SURVEY
FARMINGTON, N. M.

14. PERMIT NO. | DATE ISSUED: 4-29-'83

12. COUNTY OR PARISH: San Juan | 13. STATE: N.M.

15. DATE SPUDDED	16. DATE T.D. REACHED	17. DATE COMPL. (Ready to prod.)	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*	19. ELEV. CASINGHEAD
5-13-'83	5-19-'83	6-2-'83	6218' RKB	6206'

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
5120'	5083'		→	0-5120'	0

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
4965 to 4976' Lower Gallup Fm.
5016 to 5022' Lower Gallup Fm.

25. WAS DIRECTIONAL SURVEY MADE: Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN: Ind.-Electr., Form. Density, Comp. Nuetron W/ Gamma, Cem. Bnd.

27. WAS WELL CORED: No

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"	24	213'	12 ¼"	295 ft³ Cls B w/¼#/sk flocele, 3%CaCl3 circ. to surf.	
5½"	15.5	5120'	7 7/8"	1312 ft³ Hi-lift w/3% salt, ½#/sk. cellophane, 2% gel. 200 ft³ Pozmix w/ 2%gel, 10% salt, ¼#/sk. cello-phane, Circ cem. to surf.	

29. LINER RECORD

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

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 3/8"	4873'	None

31. PERFORATION RECORD (Interval, size and number)
4965 to 4976' w/ 2 jet shots/ft.
5016 to 5022' w/ 2 jet shots/ft.

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4965-5022'	500 gal. 15% HCl acit
4965-5022'	90,000 gal slick water, 75,000 lbs. 20-40 sand
	(see attached summary)

33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)
6-2-"83	Pumping- 2"X1½"X16' RWBC rod pump	Producing

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD →	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
6-23-'83	24	¼"		16	13	4	813:1

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE →	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
50	50		16	13	4	39°

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)
Fuel for heater-treater and pump jack engine

TEST WITNESSED BY: A. Kuchera

35. LIST OF ATTACHMENTS
Summary of perforating, acidizing and fracturing

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

ACCEPTED FOR RECORD

SIGNED: Wm R. Speer TITLE: Agent DATE: June 24, 1983

JUN 29 1983

FARMINGTON DISTRICT
BY: Smm

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

NMOCC

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

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
			No cores or drill stem tests run

38. GEOLOGIC MARKERS by log

NAME	TOP MEAS. DEPTH	TOP TRUE VERT. DEPTH
Ojo Alamo ss.	Surf.	same
Kirtland sh.	204'	
Fruitland fm	1106	
Pict.Cliffs	1291	
Lewis sh.	1446'	
Mesaverde fm.	1618	
Pt.Lookout	3758	
Mancos sh.	3909	
Gallup fm.	4862	
Marye bar ss	4963	
Total depth	5120'	

U.S. GOVERNMENT PRINTING OFFICE : 1963—O-683636

GPO 680-378

Daily Drilling Summary - #1 Serendipity - Oxoco Production Corp.

May 28, '83 Sat.
Rigged up Well Tech workover rig. Rigged up Pengo Wireline. Ran GR-CBL-CCL from 5065' to 4500' and 1370' to 1100'. Collar log failed on first run. Reran 2nd logging tool & obtained log. Areas of questionable cement bonding indicated across Gallup interval. Will pressure test before fracing. Picked up 2 3/8", 4.7# tubing and went in hole open ended. Tagged up PBTD with 158 joints at 5083' KB. Shut down for weekend.

May 29 Sun.
Well SI

May 30 Mon.
Well SI. Overland filling frac tank.

Pressure tested 5½" casing to 2,000 psi, held O.K.

May 31 Tues.
Rigged up Western Co. Displaced casing fluid with 110 bbls. 2% KCl water, followed with 250 gal. 7½% HCl acid with inhibitor and non-emulsifier. Displaced acid with 19 bbls. water. Tripped out of hole. Rigged up Pengo wire line service and perforated Lower Gallup with two jet shots per ft. from 4965' to 4976' (23 shots) and 5016' to 5022' (13 shots) with 4" hollow carrier casing gun. Picked up Baker Model "C" retrievable bridge plug and fullbore packer and ran to 5035' with bridge plug. Pulled packer to 4996'. Pumped 250 gal. 15% HCl acid followed by 14 bbls wtr. Set packer and broke down perforations with 10 additional bbls. wtr. Breakdown at 1500 psi with 650 ISIP. Displaced at 3.3 BPM at 1300 psi. Perfs did not communicate. Reset bridge plug at 5010', but did not hold. Reset at 5006' and held pressure of 1500 psi. Reset packer at 4933'. Spotted 250 gal. 15% HCl acid with 13.3 bbls wtr. and broke down perforations with 10 bbls. water at 1850 psi. Pumped 3 BPM at 1300 psi, ISIP 600 psi. Shut down for night. Had on-site inspection made as requested by U.S. Mineral Management Service personnel with Oxoco representatives present.

June 1 Wed.
Rigged up Western Co. for sand-water frac. Installed frac manifold and pressure tested lines. Mixed KCl water with Aquaflow and FR-2. Fraced well down casing with 90,000 gal. slickwater and 75,000 lbs. 20-40 sand as follows: pumped 10,000 gal. pad; 5,000 gal. at ½ lb.per gal. sand; 20,000 gal. at 1 lb. per gal. sand;16,667 gal. at 1½ lb. per gal. sand; dropped 23 ball sealers in 1,000 gal. pad, followed with 6,500 gal. additional pad; followed with 5,000 gal. at ½ lb. per gal. sand; 10,000 gal. at 1 lb. per gal sand; 10,000 gal. at 1½ lb. per gal. sand; flushed with 5,000 gal. and shut down. Treating pressure increased from 800 psi to 1250 psi after ball sealers hit perfs. Average treating pressure 950 psi, minimum treating pressure 800 psi, average injection rate 30 BPM. ISIP-750 psi, decreased to 725 psi in 15 min. Shut well in for night.

June 2 Thur.
SIPC 580 psi. Opened up well and flowed to pits until 10:30 am. Well still flowing KCl water at rate of 22 BWPH. Installed stripper head. Went in hole with notched collar and 2 3/8" tubing to clean out sand. Tagged sand at 4954'. Rigged up mud pump and steel pit and reversed out KCl water and sand. Cleaned out to 5086' Well flowing back during cleanout. Circulated live oil during cleanout. Well flowing still with slight oil cut by end of day. Tripped out. Went in hole with bull-plugged tail pipe, 6 ft. perforated sub, seating nipple, four joints of tubing, tubing anchor and 146 joints of tubing. Seating nipple is set at 4834'. Bottom of tail pipe is at 4873'. Stripped off BOP. Installed tubing head. Set anchor with 12,000 lbs. over tubing weight. Shut well in overnight.