| DISTRIBUTION | | |
|---|---|---|
| SANTA FE | | |
| FILE | | |
| U.S.G.S. | | |
| LAND OFFICE | | |
| TRANSPORTER | OIL | |
| | GAS | |
| OPERATOR | | |
| PRORATION OFFICE | | |

NEW MEXICO OIL CONSERVATION COMMISSION
REQUEST FOR ALLOWABLE
AND
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

Form C-104
Supersedes Old C-104 and C-11
Effective 1-1-65

I.

Operator
Oxoco Production Corp.

Address
P.O. Box 255, Farmington, N.M. 87401

Reason(s) for filing (Check proper box)
New Well [X]
Recompletion [ ]
Change in Ownership [ ]
Change in Transporter of: Oil [ ] Dry Gas [ ] Casinghead Gas [ ] Condensate [ ]
Other (Please explain)

RECEIVED
JUN 27 1983
OIL CON. DIV.
DIST. 3

If change of ownership give name and address of previous owner _____

## II. DESCRIPTION OF WELL AND LEASE

| Lease Name | Well No. | Pool Name, Including Formation | Kind of Lease | Lease No. |
|---|---|---|---|---|
| Serendipity | 1 | Bisti-Gallup | State, Federal or Fee Fed. | NM-33031 |

Location
Unit Letter J ; 1650 Feet From The South Line and 2310 Feet From The East

Line of Section 26 Township 26N Range 13W , NMPM, San Juan County

## III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

| Name of Authorized Transporter of Oil [XX] or Condensate [ ] | Address (Give address to which approved copy of this form is to be sent) |
|---|---|
| Giant Refng. Company | P.O. Box 256, Farmingon, N.M. 87499 |
| Name of Authorized Transporter of Casinghead Gas [ ] or Dry Gas [ ] | Address (Give address to which approved copy of this form is to be sent) |
| None | |

| If well produces oil or liquids, give location of tanks. | Unit | Sec. | Twp. | Rge. | Is gas actually connected? | When |
|---|---|---|---|---|---|---|
| | J | 26 | 26N | 13W | No | |

If this production is commingled with that from any other lease or pool, give commingling order number: _____

## IV. COMPLETION DATA

| Designate Type of Completion – (X) | Oil Well | Gas Well | New Well | Workover | Deepen | Plug Back | Same Res'v. | Diff. Res'v. |
|---|---|---|---|---|---|---|---|---|
| | X | | | | | | | |

| Date Spudded | Date Compl. Ready to Prod. | Total Depth | P.B.T.D. |
|---|---|---|---|
| 5-13-'83 | 6-2-'83 | 5120' | 5083' |
| **Elevations (DF, RKB, RT, GR, etc.)** | **Name of Producing Formation** | **Top Oil/Gas Pay** | **Tubing Depth** |
| 6218' RKB | Lower Gallup | 4965' | 4873' |
| **Perforations** | | | **Depth Casing Shoe** |
| 4965-4976' and 5016-5022' w/ 2 jet shots/ft. | | | 5120' |

TUBING, CASING, AND CEMENTING RECORD

| HOLE SIZE | CASING & TUBING SIZE | DEPTH SET | SACKS CEMENT |
|---|---|---|---|
| 12¼" | 8 5/8" | 213' | 250 Cls B, circ. |
| 7 7/8" | 5½" | 5120 | 350 Dowell hi-lift, |
| | | | 200 Pozmix, circ. |
| | | | (see attached summary) |

## V. TEST DATA AND REQUEST FOR ALLOWABLE

*(Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable for this depth or be for full 24 hours)*

OIL WELL

| Date First New Oil Run To Tanks | Date of Test | Producing Method (Flow, pump, gas lift, etc.) | |
|---|---|---|---|
| 6-2-'83 | 6-23-'83 | Pumping | |
| **Length of Test** | **Tubing Pressure** | **Casing Pressure** | **Choke Size** |
| 24 hrs. | 50 psi | 50 psi | 1/4" |
| **Actual Prod. During Test** | **Oil-Bbls.** | **Water-Bbls.** | **Gas-MCF** |
| 20 bbls. | 16 | 4 | 13 |

GAS WELL

| Actual Prod. Test-MCF/D | Length of Test | Bbls. Condensate/MMCF | Gravity of Condensate |
|---|---|---|---|
| None | | | |
| **Testing Method (pitot, back pr.)** | **Tubing Pressure (Shut-in)** | **Casing Pressure (Shut-in)** | **Choke Size** |
| | | | |

## VI. CERTIFICATE OF COMPLIANCE

I hereby certify that the rules and regulations of the Oil Conservation Commission have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

William R. Sheer
(Signature)

Agent
(Title)

June 24, 1983
(Date)

7-5-83

OIL CONSERVATION COMMISSION

APPROVED JUL 7 1983, 19____

BY Original Signed by FRANK T. CHAVEZ
SUPERVISOR DISTRICT # 3

TITLE _____

This form is to be filed in compliance with RULE 1104.

If this is a request for allowable for a newly drilled or deepened well, this form must be accompanied by a tabulation of the deviation tests taken on the well in accordance with RULE 111.

All sections of this form must be filled out completely for allowable on new and recompleted wells.

Fill out only Sections I, II, III, and VI for changes of owner, well name or number, or transporter, or other such change of condition.

Separate Forms C-104 must be filed for each pool in multiple

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.

May 31 Tues.
Pressure tested 5½" casing to 2,000 psi, held O.K. 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.