

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

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OIL CONSERVATION DIVISION
P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

REQUEST FOR ALLOWABLE
AND
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

Form C-104
Revised 10-01-78
Format 06-01-83
Page 1

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RECEIVED
JUL 16 1987
OIL CON. DIV.
DIST. 3

I. Operator
Joseph B. Gould

Address
c/o R. D. Simmons P.O. Box 48 Farmington, NM 87499

Reason(s) for filing (Check proper box)

<input checked="" type="checkbox"/> New Well	Change in Transporter of:	
<input type="checkbox"/> Recompletion	<input type="checkbox"/> Oil	<input type="checkbox"/> Dry Gas
<input type="checkbox"/> Change in Ownership	<input type="checkbox"/> Casinghead Gas	<input type="checkbox"/> Condensate

Other (Please explain)

If change of ownership give name
and address of previous owner

II. DESCRIPTION OF WELL AND LEASE

Lease Name Phillips 32	Well No. 9	Pool Name, including Formation W. Lindrith Gal/Dak	Kind of Lease State, Federal or Fee Federal	Lease No. SF07954
Location Unit Letter <u>P</u> : 660 Feet From The <u>South</u> Line and 820 Feet From The <u>East</u> Line of Section <u>32</u> Township <u>25 North</u> Range <u>3 West</u> , NMPM, Rio Arriba County				

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS


Name of Authorized Transporter of Oil <input checked="" type="checkbox"/> or Condensate <input type="checkbox"/> Giant Refining Co.	Address (Give address to which approved copy of this form is to be sent) P.O. Box 256 Farmington, NM 87499					
Name of Authorized Transporter of Casinghead Gas <input checked="" type="checkbox"/> or Dry Gas <input type="checkbox"/> El Paso Natural Gas	Address (Give address to which approved copy of this form is to be sent) P.O. Box 990 Farmington, NM 87499					
If well produces oil or liquids, give location of tanks.	Unit P	Sec. 32	Twp. 25N	Rge. 3W	Is gas actually connected? No	When Est 11-1-87

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

NOTE: Complete Parts IV and V on reverse side if necessary.

VI. CERTIFICATE OF COMPLIANCE

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

R. D. Simmons 
(Signature)
Agent
(Title)
July 15, 1987
(Date)

OIL CONSERVATION DIVISION

APPROVED **JUL 13, 1987**
BY Original Signed by FRANK T. CHAVEZ
TITLE SUPERVISOR DISTRICT # 3

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 device tests taken on the well in accordance with RULE 111.

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

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

Separate Forms C-104 must be filed for each pool in multi-completed wells.

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		X					
Date Spudded 5-18-87	Date Compl. Ready to Prod. 6-19-87	Total Depth 7950 KB				P.B.T.D. 7902 KB			
Elevations (DF, RKB, RT, GR, etc.) 7061 GR 7073 KB	Name of Producing Formation Dakota-Gallup	Top Oil/Gas Pay 6717				Tubing Depth 7548.72			
Perforations Gallup 6717 - 7000 Dakota 7562 - 7812						Depth Casing Shoe 7944.11 KB			

TUBING, CASING, AND CEMENTING RECORD

HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT
12-1/4	8-5/8"	308' KB	194 sacks
7-7/8	4-1/2"	7944.11	See Attachment A
	2-3/8	7548.72	

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)

Date First New Oil Run To Tanks 7-13-87		Date of Test 7-13-87	Producing Method (Flow, pump, gas lift, etc.) Swabbing	
Length of Test 6 hrs	Tubing Pressure 45	Casing Pressure 1050	Choke Size 2"	
Actual Prod. During Test 42	Oil - Bbls. 42 168	Water - Bbls. 75 frac	Gas - MCF 10	

GAS WELL

Actual Prod. Test - MCF/D	Length of Test	Bbls. Condensate/MCF	Gravity of Condensate
Testing Method (pilot, back pr.)	Tubing Pressure (Shut-in)	Casing Pressure (Shut-in)	Choke Size

ATTACHEMENT A

JOSEPH B. GOULD

PHILLIPS 32 # 9
660' FSL & 820' FEL SEC. 32, T25N, R3W
RIO ARriba COUNTY, NEW MEXICO
WEST LINDRITH GALLUP/DAKOTA FIELD

ELEVATION 7061' GR.

SURFACE CASING AND CEMENT REPORT

Spud well 1:45 PM 5/18/87,
Drilled 12-1/4" hole to 314' KB. Ran 7 joints
8-5/8" 24#/ft. H40, ST&C, R3 casing and set at 308' KB.
Halliburton cemented casing with 194 sacks (229 cu. ft.) Class B
neat cement. Circulated 81 sacks (95.6 cu. ft.) cement to surface.
Plug down at 10:25 PM 5-18-87.

PRODUCTION CASING AND CEMENT RECORD

Ran IEL & CDL. Loggers TD 7951'
Drillers TD 7950'.
Ran 196 joints, 4-1/2", 11.6#, K55, LTC, R3 casing (7948.58'
plus 3.53' float equipment) Landed at 7944.11' KB. (KB = 12')
Float collar at 7902.11' and stage tool at 5782.48'. Circulated
hole for 1-1/4 hours with good returns. Rigged up Dowell
and cemented 1st stage w/ 10 bbls CaCl H2O, 10 bbls fresh
water and 20 bbls zone lock, 10 bbls fresh water, 600 sacks
Class "B" (876 cu. ft.) 50/50 poz., 2% gel, 8#/sk. salt, 6-1/4
lb/sk kolite mixed at 13.4 #/gal, displaced cement w/ 30 bbls
fresh water and 93 bbls. drilling mud (123 bbls total). Landed
plug with 1470 psi @ 9:04 AM. Dropped opening plug at 9:11 AM.
Good returns throughout 1st stage. Open DV Tool at 9:46 AM w/
970 psi. Circulated 7-1/4 hours waiting on cement as per BLM.
Cemented 2nd stage as follows: Pumped 20 bbls fresh water,
779 sacks (2197 cu. ft.) Class "B" 65/35 poz., 12% gel,
10#/sk. Kolite mixed at 11.2 #/gal. followed by 150 sacks
(177 cu. ft.) Class "B" neat cement mixed at 15.6#/gal. Lost
circulation with 779 sacks of lead cement mixed, switched to tail
in cement and mixed at 4 bpm, displaced with 90 bbls fresh water
at 4 bpm, 1st 60 bbls and 2 bpm for remaining 30 bbls. Did not
regain circulation, hole remained full. Plug down at 7:15 PM.
Pressured up to 2800 psi on casing and closed stage tool
Released pressure and held. Fluid level dropping very slowly
Set slips with 83,000 lbs. Cut off casing with Aztec welder.

Top of cement on first stage @ 5782 by CBL.

Top of cement on second stage @ surface by braiden head squeeze.