FLE	24 1	NEW	MEXICO OIL CONS	ERVATIONECOMMISSI	DN 🗘	Form C-103 Supersedes Old C-102 and C-10 Effective 1-1-65	3
U.S.G.S.				JAM 2	137 8	5a. Indicate Type o State	f Lease Fee
OPERATOR	1. C.					5. State Oil & Gas 05229	Lease No.
				0. C.		03229	
(DO NOT USE THIS FOR USE	SUNDR	Y NOTICES AN POSALS TO DRILL OF	D REPORTS ON TO DEEPEN OR PLUG B. (FORM C-101) FOR SUC	WELLS ARTESIA, I ACK TO A DIFFERENT RESER	OFFICE		
1. OIL GAS WELL WELL	X	OTHER-				7. Unit Agreement Forty Niner	
2. Name of Operator Skelly 011 Company							Name Ridge Unit
3. Address of Operator P. O. Box 1351, Midland, Texas 79701							
4. Location of Well UNIT LETTER J	19)80 FEET FF	South South	1980	FEET FROM	10. Field and Pool Wildcat	, or Wildcat
				30E	NMPM.		
		15. Ele	evation (Show whether 31	DF, RT, GR, etc.) 170.6' GR		12. County Eddy	
16.	Check	Appropriate B	ox To Indicate N	ature of Notice, R	eport or Oth	ner Data	
NOTIC	CE OF IN	ITENTION TO:		SI	JBSEQUENT	REPORT OF:	
PERFORM REMEDIAL WORK			LUG AND ABANDON	REMEDIAL WORK Commence Drilling Opt Casing test and C <u>e</u> men		PLUG AN	IG CASING
OTHER				OTHER Perfor		t & test Mor	

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

- 1) Drilled cement out of 9-5/8" OD casing and 7-3/4" OD liner 9800-14,475'. Tested to 3000# for 45 minutes with no pressure loss.
- 2) Ran Gamma Ray-Neutron Correlation and Cement Bond Logs 11,100-14,475'.
- 3) Set cement retainer at 14,465'. Attempted to pump into formation below retainer at 4000#, would not take fluid.
- 4) Perforated 7-3/4" OD liner with four .42" shots per foot 14,383-14,392'. Weak blow for 5 minutes, no gas to surface, well died, 700' of water in hole in 1-1/2 hours.
- 5) Set cast iron bridge plug in 7-3/4" liner at 14,335' and capped with cement to 14,325'.
- 6) Ran 2-7/8" tubing with Vann Tool Company perforating gun. Baker on-off tool with plug receptacle set 14,097', blanking plug 14,097', Baker Lok-Set packer 14,101', perforating gun 14,149-14,172' and 14,178-14,187'.
- 7) Retrieved blanking plug at 14,097' and perforated 7-3/4" OD liner with four .42" shots per foot 14,149-14,172' and 14,178-14,187'. Total 32', 128 shots.
- 8) Treated Morrow perforations 14,149-14,187' with 3000 gallons of 7-1/2% retarded mud acid, flushed with 2226 gallons of KCL water. All fluids contained 1000 SCF of nitrogen per barrel.

18. I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNED	10.000 10.00000	D. R. Crow	TITLE	Lead Clerk	DATE	12/31/73
APPROVED BY	V.a. Aus	set	TITLE	DIL AND GAS INSPECTOR	DATE _	JAN 2 MARTIN

CONDITIONS OF APPROVAL, IF ANY:

Forty Niner Ridge Unit Well No. 1 Page 2

- 9) Ran blanking plug, set in receptacle at 14,097'. Released on-off tool and pulled tubing and top part of on-off tool. Left perforating guns in the hole.
- 10) Ran 2-7/8" tubing with Vann Tool Company perforating guns. Set Baker Lok-Set packer at 13,991', perforating guns set 14,012-14,022', 14,029-14,040', and 14,059-14,061'. Dropped detonating bar to perforate. Guns failed to fire.
- 11) Released packer at 13,991' and pulled tubing, packer and perforating guns 14,012-14,061'.
- 12) Ran tubing with Baker Lok-Set packer and upper half of on-off tool. Latched onto lower half of on-off tool at 14,097'. Lowered Baker Lok-Set packer set at 14,101' to 14,206'. Top of perforating guns left in the hole at 14,254' and bottom of guns at 14,292'.
- 13) Displaced hole with water treated with corrosion inhibitors.
- 14) Pulled tubing and on-off tool.
- 15) Ran 421 joints (13,709') of 2-7/8" OD EUE N-80 tubing with 7-3/4" Baker Lok-Set packer set at 13,739', on-off tool with 2-1/4" ID profile set at 13,735'.
- 16) Perforated 7-3/4" OD liner with two .24" shots per foot 13,914-13,942', 14,012-14,022', 14,029-14,040', and 14,059-14,061'. Total of 102 shots.
- 17) Flowed 13 hours on open choke, 55 barrels load water and 315 MCFGPD.
- 18) Treated Morrow perforations 13,914-14,187' with 6000 gallons of 7-1/2% MS acid, 1000 gallons of gelled brine water, 550# benzoic acid flakes, 130 ball sealers, in 6 stages. All fluid contained 1000 SCF of nitrogen per barrel. Flushed with 63 barrels of water treated with corrosion inhibitors.
- 19) Flowed 88 hours, 1" choke, recovered 265 barrels of load and treating water, gas at rate of 1400-1904 MCFPD. FTP 175-460#.
- 20) Shut in 192 hours to pressure up. SITP 4950#.
- 21) Flowed 4 point potential test 12-19-73. Flowed 1 hour, 9/64" choke, 1969 MCFPD, FTP 3712-3685#, 1 hour, 12/64" choke, 2681 MCFGPD, FTP 3685-2915#, 1 hour 15/64" choke, 3078 MCFGPD, FTP 2915-2210#, 1 hour, 18/64" choke, 3020 MCFGPD, FTP 2210-1603#.

Porty Miner Ridge dnit fell No. 3 Pare 2

- *) far blanking plus, set in receptable at 14,997'. Released on-off tool and pulled fulling and top pert of on-off tool. Left perforating guns in the bole.
 - [16] Can C. 7/P. tubing with Vann Tool Company perforating gues. Set Eaker Lob-Set packer at 13, 991', perforating guns set 14,012-14,022', 15,029-14,070', and 14,059-1,061'. Oropaed deterating her to perforate. Cuns failed to fire.
 - Released macker at 13,991' and bulled tublar, part or and perforating guns. 14,912-14,061'.
 - 12) Can tubing with Waker Lok-Set packer and upper half of on-off tool. Latehos onto lower half of on-off tech at 14,097'. Dowered Eaker Lok-Set packer set as L-100' to 14,206'. Top of perforating game left in the hole at 14,256' and botrom of gung at 14,050'.
 - 13) Maaladed bole with water treated with corrector indictors.
 - I/ Fulled tubing and on-off tool.
 - L5) Fan 421 rothus (13,709') of 2-3/8" 02 THE 4-80 tubing with 7-3/4 " wher hole-Set reduce set at 13,739', on-off tool with 2-1/4" to profile set at 13,735'.
 - 16) Ferforated 7-3/4¹⁰ 00 liner with two 224' shore not 13,914-13,942', 34,000-14,922', 11,029-14,040', and 16,059-14,061'. Total of 102 shore.
 - [7] Flowed 12 hours on open cloke, 15 errals load water and 315 MCROPD.
 - 13) Treated Forrow perforations 13,91/-14,137' with 0.000 gallons of 7-1/00 S acts, 1000 gallons of gelled brine water, 550# herroic acid flakes, 130 ball sealers, is 6 stages. All fluid contained 1000 SCP of sitrogen per barrel. Flushed oft: 60 barrels of water treated with correston inhibitors.
 - 19) Flower 9% hours. 1° caoke, recovated 36% barrels of load and treating vater. Pas at tate of 1400-1904 MCFUS. FTP 174-460%.
 - 20) Such the 22 hours to pressure up. SIMP 6 TM.
- 21) Flored & mother potential team 12-19-72. Theres' I hour, 9/64" choke, 1969 MEFT. FTP 3712-36554, 1 hour, 12/00" choke, 2681 MCPPD. FTP 3635-29154. I hour 19/64" choke. CONSTORED, FTP 2915-24108. I Neur, 19/64" choke, 3020 MCPCPD, FCP 2216-18034.