29 31. PERFORATION RECOED (Interval, size and number) ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. 2431, 2432, 2436-44, 2451, 2452, 2455-2463 DEPTH INTERVAL (MD) AMOUNT AND KIND OF MATERIAL USED Acidized w/500 Gal. 7%% 2431-2509 2466-2474, 2479, 2485, 2491, 2499-2509, HCL. Frac w/25,494 gals 80,000# 10-20 sd. & 674 MCF 28 holes (0.36") Nitrogen ATP-2800 psi. AIR 20 BPM. 33 4

PRODUCTION DATE FIRST PRODUCTION PRODUCTION METHOD (Flowing, gas lift, pumping-size and type of pump) WELL STATUS (Producing or shut-in) Shut-in <u> 11-15-82</u> low HOURS TESTED CHOKE SIZE PROD'N. FOR TEST PERIOD OIL-BBL. GAS-MCF. WATER-BBL. GAS-OIL RATIO 62.5 3/4 11-15-82 0 FLOW. TUDING PRESS. CASING PRESSURE CALCULATED 24-HOUR RATE OIL GRAVITY-API (CORR.) -BBL. GAS-MCF. WATER-BRL Casing-48 S.I.-749 500 0 Ω TEST WITNESSED BY Joe Elledge To be sold 35. LIST OF ATTACHMENTS 36. I hereby certify that the foregoing and attached information is complete and certact as 360mines from all arabable records RECORD

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

TITLE

SIGNED

NUV 23 1982

DATE 11-18-82

Qperato

## NSTRUCTIONS

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 completions.

should be listed on this form, see item 35. 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 All attachments

or Federal office for specific instructions. 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

Hem 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. Hems 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,

interval, or intervals, top(s), bottom(s) and name(s) (in any) are subjected, showing the additional data pertinent to such interval.

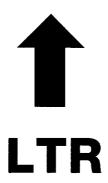
for each additional interval to be separately produced, showing the additional data pertinent to such interval.

fem 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.

from 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.

37. SUMMARY OF POROUS ZONES: SHOW ALL IMPORTANT ZONES OF DEPTH INTERVAL TESTED, CUSH	OUS ZONES: TANT ZONES OF PO	ROSITY AND CONTEN	MARY 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, PLOWING AND SHUT-IN PRESSURES, AND RECOVERIES	38. GEOLO(	GEOLOGIC MARKERS	
FORMATION	TOP	воттом	DESCRIPTION, CONTENTS, ETC.		TOP	P
				7 A 21 E	MEAS. DEFTH	TRUE VELT. DEPTH
Ojo Alamo	1920	2030	Probably Water	Ojo	1920	Same
				Kirtland Fruitland	2100 2276	
				P.C.	2426	
				Lewis	2509	
	₽					







Job separation sheet

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

			11.00									SE	* <i>6,3</i> .	8391	
Ту	pe Test	/ Initio	ıl		A	nnual	Special			Test D	-15-82		10,10V2 10/1		
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Fo	Ballard					Formation Pictured Cliff						บกริยุ	Unit 3 M.		
Co	npletion Dat	e	Ī	Total Cepth 2590			Plug Back TD 2580			Elevali 65			Form or Lease Name Warren		
Caq. Size Wi.				d	Set		Performional From 2431 T			L		Well	Well No.		
2 7/8 ( Trg. 5120 W		6.5 Wi.		$\frac{2.441}{d}$	2.441 2588		Perioration	one:		<u>° 2509</u>		Unit	#6 Unit Sec. Twp. Rye.		
		Slim		Hole		lutala.	From Packer Set A			То		G	35	25 6	
Type Well - Single - Bradenhea Single			ennegg	- G.G. or G	.UMu	ittbia		No					., io Arrib	a	
Froducing Thru  Casing			Reserv	oir Temp. *!		Mean Annuai	Temp. °F	Baro. Pr 12	psia			State	.м.		
	L	н	<del></del> ,	.650		% CO 2	* N 2	1	% H <sub>2</sub> S		Provet	Met	er Aun	Taps	
		l	FL	OW DAT	<u> </u>		······································	TUE	BING	DATA		CASING	DATA	Duration	
ΝО.	Prover Line Size	×	Orifice Size	Press. p.s.i.g.		bw.	Temp.	Pres p.s.i.		Tem *F	` 1	Press. p.s.i.g.	Temp.	ol Flow	
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2.	2 111C1	1 . 750											- 00	J 1.0012	
3. 4.					-				<del> </del>						
5.					工										
Coefficient				$\sqrt{h_{w}P_{m}}$	-	Pressure	Flow	CALCUL Temp. actor Ft.	ATIO	Gravity Factor		Super Compress Factor, Fr	.	Pate of Flow  Q, McId	
1	12.3650					42		000	.9608			1.002		500	
2. 3.															
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10.	Ph	Temp.	•R	T <sub>g</sub>		- 1	Liquid Hyd							Mc1/bbl.	
1.						.i. Gravity (							Deg.		
2.					i				xxxxx						
۵.					1	Critical Pressure							P.S.I.A.		
5. P.	761	$P_c^2$ 5	79121		<del></del>				e				٦.		
P <sub>c</sub>	P <sub>1</sub> <sup>2</sup>			문 <sup>2</sup> 문 <sup>2</sup> - 문 <sup>2</sup> 2604 576517		P. <sup>2</sup> (1).	$\frac{P_c^2}{P_c^2 - R_c^2} = 1.0045$				(2)	Pc2 - F		1.00383	
						AOF = Q $\left[ \frac{P_c^2}{P_c^2 - R_c^2} \right]^n = \frac{502}{1000}$									
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1									<u>-</u>				<del></del>		
Absolute Open Flow 502 McId # 15.025 Angle of Slope # Slope, n 85															
Gas Com; etely dry.															
De District Burl a a Charlest Burl a a															
pproved By Division Conducted By:  Calculated By:  CURTIS J. LITTLE															