

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY(See other
instructions on
reverse side)

5. LEASE DESIGNATION AND SERIAL NO.

NM-1410

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Federal

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Eumont

11. SEC., T., R., M., OR BLOCK AND SURVEY
OR AREA

17-T22S-R37E

12. COUNTY OR
PARISH

Lea

13. STATE

N M

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other _____b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other _____

2. NAME OF OPERATOR

Zia Energy, Inc.

3. ADDRESS OF OPERATOR

P. O. Box 603, Hobbs, N. M. 88240

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface 2310' FSL & 2310' FWL

At top prod. interval reported below

At total depth 2310' FSL & 2310' FWL

14. PERMIT NO.

DATE ISSUED

15. DATE SPUDDED 5/14/79

16. DATE T.D. REACHED 5/23/79

17. DATE COMPL. (Ready to prod.) 7/16/79

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*

3394' RKB

19. ELEV. CASINGHEAD

3382' GR

20. TOTAL DEPTH, MD & TVD

4310'

21. PLUG BACK T.D., MD & TVD

3809'

22. IF MULTIPLE COMPL.
HOW MANY*23. INTERVALS
DRILLED BY

ROTARY TOOLS

CABLE TOOLS

0-4310'

24. PRODUCING INTERVAL(S). OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

2652'-3207' (23-.048" holes) 3445'-3614' (21-.048" holes)

26. TYPE ELECTRIC AND OTHER LOGS RUN

GR-CNL & DL, CSL, MLL

27. WAS WELL CORED

No

CASING RECORD (Report all strings set in well)				CEMENTING RECORD		AMOUNT PULLED
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE			
8 5/8"	24	370'	12 1/2"	250 sxs Cl "c"-Circ 90 sxs		
5 1/2"	14 & 17	4310"	7 7/8"	400 sxs Cl "c"-50-50 Poz-Circ 75 sxs		
				plus 800 sxs Halliburton lite + 100 sxs		
				neat Cl "c" thru DV @ 2403'-circ 200 sxs		

LINER RECORD				TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)
None					2 3/8"	3490'
						PACKER SET (MD)
						None

31. PERFORATION RECORD (Interval, size and number)
1. 4015'-4227' w/22 .048" JS
2. 3841'-3492' w/11 .048" JS
3. 3445'-3614' w/21 .048" JS
4. 2652'-3207' w/23 .048" JS

ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.		AMOUNT AND KIND OF MATERIAL USED
DEPTH INTERVAL (MD)		
1. 4015-4227'		2750 gal 15% acid
2. 3841-3942'		750 gal 15% acid
3. 3445-3614'		1500 GA + 28,000 gal foam
SEE BACK		frac + 34,000# sd. Sanded out

PRODUCTION							WELL STATUS (Producing or shut-in)
DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping size and type of pump)						Prod
7/13/79	Pumping 2" X 1 1/2" X 12'						
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL - BBL.	GAS - MCF.	WATER - BBL.	GAS-OIL RATIO
7/15/79	24			25	300	25	12000
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL - BBL.	GAS - MCF.	WATER - BBL.	OIL GRAVITY-API (CORR.)	
	30		25	300	25	35.5	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Well shut in awaiting gas pipeline connection

35. LIST OF ATTACHMENTS

GR-CNL & DL, CSL, MLL & Inclination Survey

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

SIGNED

M. J. Nelson

TITLE

Engineer

DATE

7/16/79

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

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 report 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 33.

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: "Seals (cement)". Attached supplemental reports 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.)

Item No. 32 (cont'd) Refrac perfs 3445'-3614' using 40,000 gals gelled 9.2 brine & 80,000# sd in 4 equal stages.
 Av. rate 22 BPM, max press 3300#, min press 2900#, ISDP 1050#. Perf 23 holes from 2652'-3207'. Treat using 1000 GA & frac using 35,000 GCW + 53,000# sd. Av rate 17 BPM @ max press 4000#, min press 3600#. ISDP 1575#.

FORMATION		TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAN DEPTH	TOP	RECEIVED DEPTH
Sand calciche								
Red beds	0'	1082'			Anhydrite	1082'		
Anhydrite	1082'	1200'			Top of Salt	1200'		
Salt & anhydrite	1200'	2443'			Base of Salt	2443'		
Anhydrite & Lime	2443'	2578'			Yates	2578'		
Lime & dolomite					Seven Rivers	2928'		
w/streaks of					Queen	3342'		
Sandy dolomite	2578'	3442'			Grayburg	3630'		
Sand & dolomite	3442'	3630'			San Andres	3823'		
Lime & dolomite	3630'	4310'						

RECEIVED
 JUL 24 1970
 O.C.D. HOBBS, OFFICE