

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 3

AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL		1. WELL NAME and NUMBER Nephi City #1-36
2. TYPE OF WORK DRILL NEW WELL <input checked="" type="checkbox"/> REENTER P&A WELL <input type="checkbox"/> DEEPEN WELL <input type="checkbox"/>		3. FIELD OR WILDCAT WILDCAT
4. TYPE OF WELL Oil Well Coalbed Methane Well: NO		5. UNIT or COMMUNITIZATION AGREEMENT NAME
6. NAME OF OPERATOR BISON OPERATING COMPANY, LLC		7. OPERATOR PHONE 918 482-5450
8. ADDRESS OF OPERATOR 8086 S. Yale Ave. Suite 119, Tulsa, OK, 74136		9. OPERATOR E-MAIL mharison@valornet.com
10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE) FEE	11. MINERAL OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>	12. SURFACE OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
13. NAME OF SURFACE OWNER (if box 12 = 'fee') Nephi City		14. SURFACE OWNER PHONE (if box 12 = 'fee') 435-623-0822
15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee') 21 E. 100 North, Nephi, UT 84648		16. SURFACE OWNER E-MAIL (if box 12 = 'fee') rmcknight@nephi.utah.gov
17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN')	18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS YES <input type="checkbox"/> (Submit Commingling Application) NO <input checked="" type="checkbox"/>	19. SLANT VERTICAL <input checked="" type="checkbox"/> DIRECTIONAL <input type="checkbox"/> HORIZONTAL <input type="checkbox"/>

20. LOCATION OF WELL	FOOTAGES	QTR-QTR	SECTION	TOWNSHIP	RANGE	MERIDIAN
LOCATION AT SURFACE	466 FNL 466 FWL	NWNW	36	12.0 S	1.0 E	S
Top of Uppermost Producing Zone	466 FNL 466 FWL	NWNW	36	12.0 S	1.0 E	S
At Total Depth	466 FNL 466 FWL	NWNW	36	12.0 S	1.0 E	S

21. COUNTY JUAB	22. DISTANCE TO NEAREST LEASE LINE (Feet) 972	23. NUMBER OF ACRES IN DRILLING UNIT 40
27. ELEVATION - GROUND LEVEL 6335	25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed) 7500	26. PROPOSED DEPTH MD: 2000 TVD: 2000
	28. BOND NUMBER 48007359	29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE purchase from Nephi City

Hole, Casing, and Cement Information

String	Hole Size	Casing Size	Length	Weight	Grade & Thread	Max Mud Wt.	Cement	Sacks	Yield	Weight
SURF	17.5	13.375	0 - 200	48.0	H-40 ST&C	0.0	Premium Plus	200	1.19	15.6
I1	8.75	7	0 - 850	23.0	J-55 ST&C	0.0	CBM Lite	75	4.12	10.5
							Premium Plus	50	1.19	15.6
PROD	6.25	4.5	0 - 2000	10.5	J-55 ST&C	0.0	50/50 Poz	0	0.0	0.0
							50/50 Poz	175	1.22	14.35

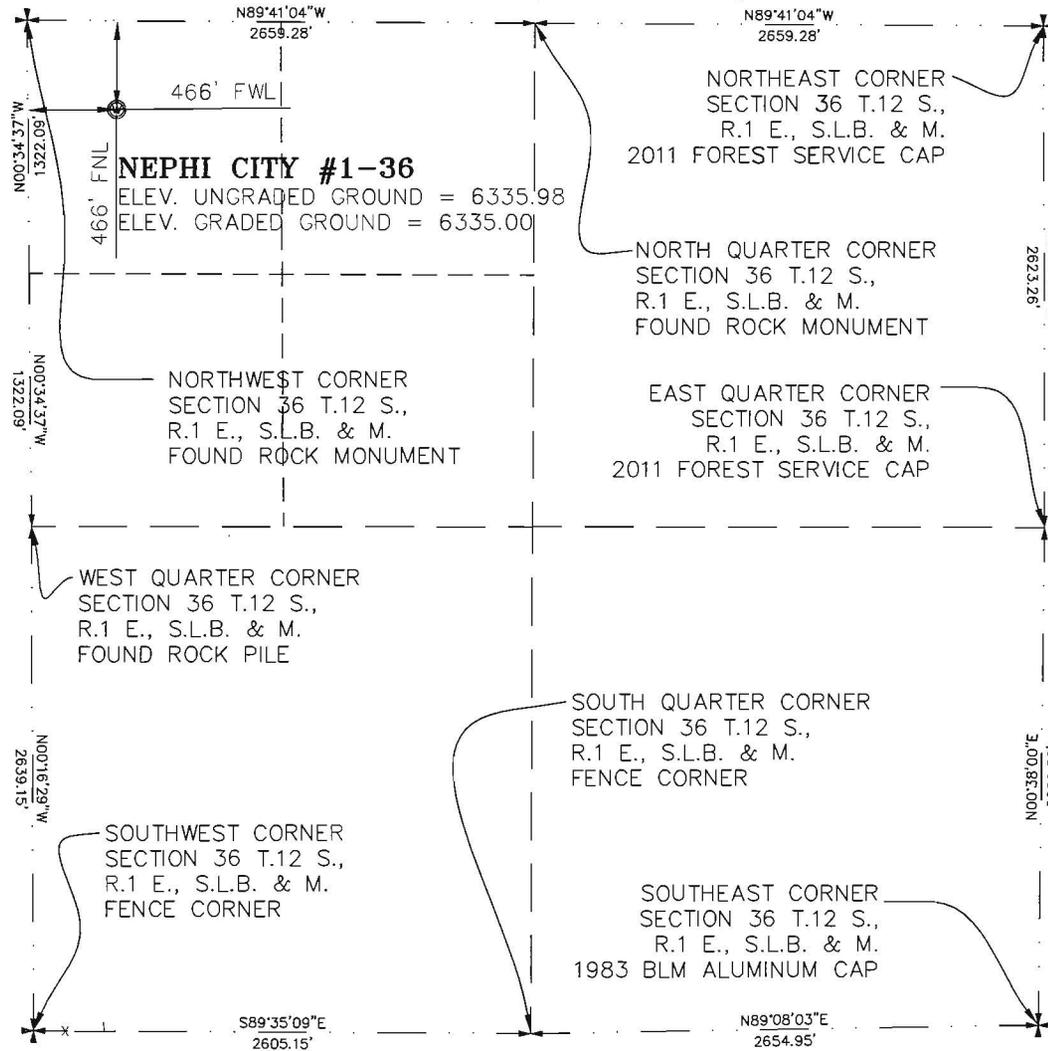
ATTACHMENTS

VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES

<input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER	<input checked="" type="checkbox"/> COMPLETE DRILLING PLAN
<input checked="" type="checkbox"/> AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)	<input type="checkbox"/> FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER
<input type="checkbox"/> DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)	<input checked="" type="checkbox"/> TOPOGRAPHICAL MAP

NAME Mark F. Harison	TITLE President, PIMC, Manager	PHONE 918 482-5450
SIGNATURE	DATE 07/31/2013	EMAIL mharison@valornet.com
API NUMBER ASSIGNED 43023500020000	APPROVAL  Permit Manager	

SECTION 36 T.12 S., R.1 E., S.L.B. & M.



PROJECT

BISON OPERATING CO., LLC

WELL LOCATION, LOCATED AS SHOWN
IN THE NW 1/4 OF THE NW 1/4 OF
SECTION 36 T.12 S., R.1 E., S.L.B. & M.
JUAB COUNTY, UTAH

LEGEND



SECTION CORNER AS NOTED



QUARTER CORNER AS NOTED



PROPOSED WELL LOCATION

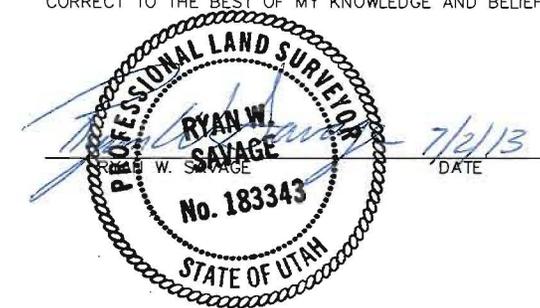
NOTE: THE PURPOSE OF THIS SURVEY WAS TO PLAT
NEPHI CITY #1-36 WELL
LOCATED IN THE NW 1/4 OF THE NW 1/4 OF
SECTION 36 T.12 S., R.1 E., S.L.B. & M.
JUAB COUNTY, UTAH.

BASIS OF ELEVATION

ELEVATION BASED ON OPUS SOLUTION CP-1
LOCATED IN THE NW 1/4 OF SECTION 36 T.12 S.,
R.1 E., S.L.B. & M.
ELEVATION USED 6336.57

CERTIFICATE

THIS IS TO CERTIFY THAT THIS PLAT WAS PREPARED FROM
FIELD NOTES OF ACTUAL SURVEYS MADE BY ME UNDER
MY SUPERVISION, AND THAT THE SAME ARE TRUE AND
CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.



GRAPHIC SCALE



1 inch = 1000ft.

BASIS OF BEARING

BASIS OF BEARING USED WAS N89°41'04\"/>

WELL LATITUDE: 39°43'57.362\"/>

Savage Surveying, Inc.

1925 South Industrial Park Rd.
Richfield, UT 84701
Office: 435-896-8635
Fax: 435-896-0230



NEPHI CITY #1-36

BISON OPERATING CO., LLC

DWG NAME	SCALE	DATE	PROJECT NUMBER	SHEET NUMBER
LOCATION	1" = 1000'	06/05/13	1304-009S	1
DESIGN BY:	SURVEY BY:	CHECKED BY:	DRAWN BY:	
---	J.S.	R.W.S.	D.G.	